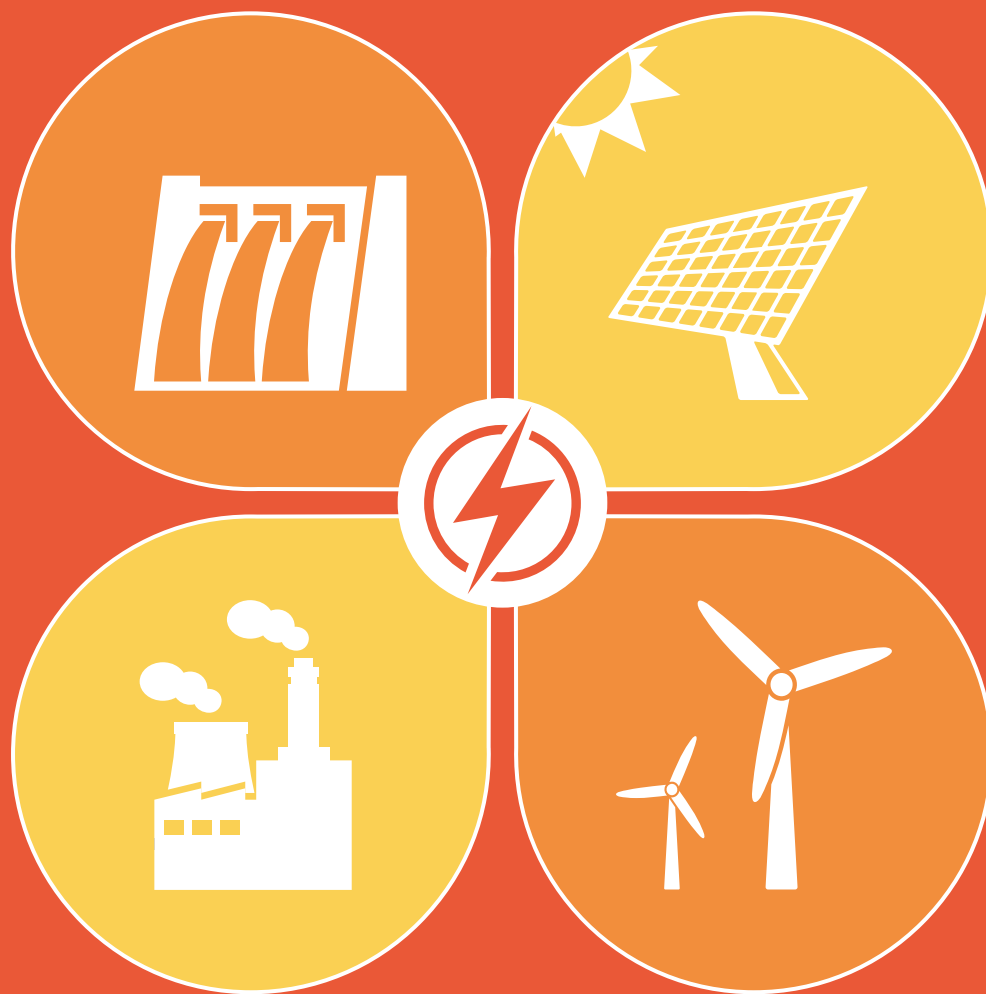


2013

# Electricity Profiles



United Nations

**Department of Economic and Social Affairs**  
Statistics Division

# 2013

# Electricity Profiles



United Nations  
New York, 2015

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Statistics compiled as of December 2015

## INTRODUCTION

The *Electricity Profiles 2013* provides detailed information on production, trade and consumption of electricity, on net installed capacity and thermal power plant inputs and efficiency for 227 countries and areas on an internationally comparable basis, for the years 2008-2013. It is published by the United Nations Statistics Division with the aim of providing an overall picture of the electricity sector of such countries and areas.

This is the second issue of *Electricity Profiles* as a stand-alone publication, whereas until the 2011 edition it was part of the series *Energy Balances and Electricity Profiles*. The series was split in two and in addition to the *Electricity Profiles* a sister publication, the *Energy Balances*, is released.

This split followed the incorporation of the standards brought about by the *International Recommendations for Energy Statistics*<sup>1</sup> (IRES). IRES, in its draft form, was endorsed in 2011 by the United Nations Statistical Commission. Previously, energy statistics published by the Statistics Division followed the format described in detail in the technical report entitled *Concepts and Methods in Energy Statistics, with Special Reference to Energy Accounts and Balances*<sup>2</sup> and also discussed in the publication *Energy Statistics: A Manual for Developing Countries*.<sup>3</sup>

Electricity production and electric installed capacity are disaggregated by source, as coming from Combustible fuels, Hydro, Nuclear and Other sources; and by type of producer, whether from main activity producers or autoproducers. The latter is given implicitly as the difference between Total production/capacity and Main activity production/capacity.

Thermal power plant inputs are listed by energy product, together with the total output, which are used together to calculate the overall efficiency of electricity production from combustible fuels (displayed at the bottom). Up to 10 main products (by input contribution in the latest year available) are displayed and then listed alphabetically, with the remaining ones, if any, aggregated in the category Others.

More detailed disaggregation of electricity capacity and production is published in the *Energy Statistics Yearbook*, where wind and solar are identified separately as electricity sources rather than in the category Other.

The information contained in this publication is also available in electronic format.<sup>4</sup> Requests for information should be directed to United Nations Publications at: [order@un.org](mailto:order@un.org).

Acknowledgement is due to the following specialized and intergovernmental agencies whose publications have been utilized in supplementing our statistics: Food and Agriculture Organization of the United Nations (FAO), International Atomic Energy Agency (IAEA), International Energy Agency of the Organisation for Economic Cooperation and Development (IEA/OECD), International Sugar Organization (ISO), Organization of Arab Petroleum Exporting Countries (OAPEC), Organization of the Petroleum Exporting Countries (OPEC), Organización Latinoamericana de Energía (OLADE), Statistical Office of the European Union (Eurostat), World Energy Council (WEC). Acknowledgement is also made to governmental, energy and statistical authorities of the Member States which have been cooperative in providing data.

The annual energy data are being collected and processed by the Industrial and Energy Statistics Section of UNSD, headed by Mr. Ralf Becker. The processing of the energy data and preparation for publication were carried out by Mr. Leonardo Souza, Mr. Alexander Blackburn, Mr. Man Soni, Ms. Costanza Giovannelli, Ms. Peng Guo, Mr. Hu Wei and Mr. Graham Osborn.

Enquiries, comments and suggestions for improving this publication are welcome and should be addressed to: [energy\\_stat@un.org](mailto:energy_stat@un.org).

<sup>1</sup> Available at <http://unstats.un.org/unsd/energy/ires>

<sup>2</sup> Statistical Papers, Series F, No. 29 (United Nations publication, Sales No.E.82.XVII.13).

<sup>3</sup> Statistical Papers, Series F, No. 56 (United Nations publication, Sales No.E.91.XVII.10).

<sup>4</sup> For details, see <http://unstats.un.org/unsd/energy/EProfiles>

# CONCEPTS AND DEFINITIONS

## ELECTRICITY PROFILES

The electricity profiles intend to provide an overall picture of the electricity sector in countries and areas on a comparable basis. As such, a simplified approach is taken, where for production and capacity the three main electricity sources (or production processes) are singled out; namely, combustible fuels, hydro and nuclear; while the remaining electricity production processes (mostly renewable) are aggregated in the category Other. Detailed information on each source for the same countries and areas is available from the United Nations Energy Statistics Database.<sup>5</sup>

Each electricity profile is divided into three blocks, which are listed below and described in detail next:

- The top block on electricity production, trade and consumption;
- The middle block on net installed capacity; and
- The bottom block on combustible fuel input, output and efficiency.

### **Top block – Electricity production, trade and consumption**

**Electricity** is defined in energy statistics as the transfer of energy through the physical phenomena involving electric charges and their effects when at rest and in motion.

Electricity can be generated through different processes such as: the conversion of energy contained in falling or streaming water, wind or waves; the direct conversion of solar radiation through photovoltaic processes in semiconductor devices (solar cells); or by the combustion of fuels.

Electricity **production** (or electricity generation) in the electricity profiles refers to gross production, which is the sum of the electrical energy production by all the generating units/installations concerned (including pumped storage) measured at the output terminals of the main generators.

The different types of technology/processes for the generation of electricity are defined as follows.

Electricity from **combustible fuels** refers to the production of electricity from the combustion of fuels which are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature.

**Hydro** electricity refers to electricity produced from devices driven by fresh, flowing or falling water.

**Nuclear** electricity refers to electricity generated by nuclear plants.

**Other** electricity includes all other processes, which are described below.

- Solar Electricity refers to electricity produced from solar photovoltaics, i.e. by the direct conversion of solar radiation through photovoltaic processes in semiconductor devices (solar cells), including concentrating photovoltaic systems; as well as electricity produced from solar thermal heat (both concentrating and non-concentrating).

Heat from concentrating solar thermal refers to high temperature heat produced from solar radiation captured by concentrating solar thermal systems. Heat from non-concentrating solar thermal refers to low temperature heat produced from solar radiation captured by non-concentrating solar thermal systems.

- Wind electricity refers to electricity produced from devices driven by wind.

- Wave electricity refers to electricity produced from devices driven by the motion of waves.

- Tidal electricity refers to electricity generated from devices driven by tidal currents or the differences of water level caused by tides.

- Other marine electricity refers to electricity generated from devices which exploit sources of marine energy not elsewhere specified. Examples of sources are non-tidal currents, temperature differences and salinity gradients in seas or salinity differences between sea and fresh water.

- Geothermal electricity refers to the electricity generated from the heat from geothermal sources.

- Electricity generated from chemical heat, which refers to recovered heat generated in the chemical industry by exothermic reactions other than combustion.

<sup>5</sup> <http://data.un.org/Explorer.aspx?d=EDATA>



## CONCEPTS AND DEFINITIONS

- Electricity from other sources not elsewhere specified.

As regards the type of producer, both for electricity production and for net installed capacity, a distinction is made between main activity producers and autoproducers, as defined below:

**Main activity producer** are enterprises which produce electricity as their principal activity. Formerly known as public utilities, these enterprises may be privately or publicly owned companies.

**Autoproducers** are enterprises which produce electricity but for whom the production is not their principal activity.

In the *Electricity Profiles*, autoproducer figures are not provided explicitly, but can be easily derived as the difference between total producers and main activity producers.

**Own use in electricity, CHP and heat plants** refers to consumption of electricity for the direct support of electricity, CHP and heat plants. It includes consumption by station auxiliaries, and losses in transformers which are considered as integral parts of the electric energy, CHP or heat generating plants.

- **Electricity plants** refer to plants producing only electricity.

- **CHP plants** (Combined Heat and Power) refer to plants which produce both heat and electricity from at least one generating unit in the plant. They are sometimes referred to as “co-generation” plants.

- **Heat plants** refer to plants (including heat pumps and electric boilers) designed to produce heat only, for deliveries to third parties.

**Net production** is (gross) production minus own use in electricity, CHP and heat plants. It is equivalent to the electricity sent out from the plants that is available to the network or ready for use in the premises in the case of autoproducers.

**Imports** comprise all electricity entering the national territory.

**Exports** comprise all electricity leaving the national territory.

For electricity, as an exception to general energy statistics, trade data include electricity transmitted through the country from one neighbour to another, as there is no practical way of discerning which quantities are re-exported and which are consumed by the transit country.

**Losses** refer to losses during the transmission and distribution of electricity. Losses also include pilferage of electricity (sometimes referred to as non-technical losses).

**Consumption** in the *Electricity Profiles* refers to **Energy industries own use** and **Final consumption**.

**Energy industries own use** refers to consumption of electricity for the direct support of the production, and preparation for use of fuels and energy. Quantities which are used for transportation purposes in the energy industry are not included here, but in Consumption by transport. Quantities used for pumped storage are included here.

Note that pumped storage plants are plants where electricity is used during periods of lower demand to pump water into reservoirs for subsequent release and electricity generation during periods of higher demand. Less electricity is eventually produced than is consumed to pump the water into the higher reservoir.

In general energy statistics, Own use in electricity, CHP and heat plants is part of Energy industries own use, but it is displayed apart in this publication so that Net production can be derived.

**Final consumption** refers to the consumption of electricity by Manufacturing, construction and non-fuel mining, by Transport, and by households and other consumers (non-energy use being irrelevant for electricity).

**By industry and construction** refers to final electricity consumption by manufacturing, construction and non-fuel mining industries. The final consumption recorded under this category covers the use of electricity by economic units belonging to the industry groups listed below (excluding the use of energy products for transport, which is recorded under Transport in its respective row).

- Iron and steel
- Chemical and petrochemical
- Non-ferrous metals

## CONCEPTS AND DEFINITIONS

- Non-metallic minerals
- Transport equipment
- Machinery
- Mining and quarrying
- Food and tobacco
- Paper, pulp and print
- Wood and wood products (other than pulp and paper)
- Textile and leather
- Construction
- Industries, not elsewhere specified

**By transport** refers to the consumption of electricity by any economic entity to transport goods or persons between points of departure and destination within the national territory.

**By households and other consumers:** This group consists of energy consumers not classified in Manufacturing, construction and non-fuel mining industries, and consists of the following subgroups:

- Agriculture, Forestry, Fishing
- Commerce and public services
- Households
- Not elsewhere specified

### Middle block – Net installed capacity

**Net installed capacity** refers to the Net maximum electrical capacity, which is the maximum active power that can be supplied continuously, with all plants running, at the point of outlet (i.e., after taking the power supplies for the station auxiliaries and allowing for the losses in those transformers considered integral to the station).

This assumes no restriction of interconnection to the network, but does not include overload capacity that can only be sustained for a short period of time (e.g., internal combustion engines momentarily running above their rated capacity).

The net maximum electricity-generating capacity represents the sum of all individual plants' maximum capacities available to run continuously throughout a prolonged period of operation in a day.

As mentioned for electricity production, a distinction is made between main activity producers and autoproducers. In the *Electricity Profiles*, autoproducer figures are not provided explicitly, but can be easily

derived as the difference between total producers and main activity producers.

### Bottom block – Combustible fuel input, output and efficiency

As defined in the section about the top block, electricity from **combustible fuels** refers to the production of electricity from the combustion of fuels which are capable of igniting or burning, i.e. reacting with oxygen to produce a significant rise in temperature.

Therefore, for some countries and areas this block may be empty if such processes are not utilized in the country or area in question.

**Combustible fuel input** is the energy content (in Terajoules) of those fuels which are combusted to generate electricity. This input is broken down by fuel (as applicable) and is calculated from the fuel quantities expressed in their original units (e.g., thousand metric tons) through the application of conversion factors.

Up to 10 fuels (by input contribution in the latest year available) are displayed alphabetically, with the remaining ones, if any, aggregated in the category Others.

**Total input** is the total aggregate of combustible fuel input.

**Total production** is the total electricity production from combustible fuels (both main activity and autoproducers), expressed in Terajoules by using the equivalence: 1 GWh = 3.6 Terajoules.

The **estimated efficiency** (of total electricity generation from combustible fuels) is calculated by dividing the Total production by the Total input. It gives an idea of how much energy from the fuels is converted into electricity on average in the electricity and CHP plants in the country or area.

It is important to note that the formula considers all inputs to CHP plants but only the electricity output from these plants and not the heat generated, so the calculated efficiency should be used with caution to compare countries with differing levels of CHP generation (and these levels are not apparent from this publication).

## CONCEPTS AND DEFINITIONS

For ease of reference, the table below displays typical efficiencies for electricity and CHP plants for the main types of fuel used as input.

<b>Generation process</b>	<b>Typical plant efficiency</b>
Electricity plants	
Coal	32-40%
Oil	35-40%
Natural gas	45-55%
Biomass	20-30%
CHP plants	
Coal	50-75%
Oil	50-75%
Natural gas	60-90%
Biomass	60-85%

## ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols have been used in the publication:

CHP	Combined Heat and Power
GCV	Gross Calorific Value
GJ	gigajoule ( $10^9$ joules)
GWh	gigawatt-hour ( $10^6$ kWh)
IRES	International Recommendations for Energy Statistics
kcal	kilocalorie
kg	kilogramme
kJ	kilojoule ( $10^3$ joules)
kWh	kilowatt-hour
NCV	Net Calorific Value
t	metric ton
TJ	terajoule ( $10^{12}$ joules)
UNSD	United Nations Statistics Division
*	estimate by the United Nations Statistics Division
..	data not applicable or not available



# **ELECTRICITY**

# **PROFILES**

**Statistics on electricity**
**Afghanistan**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	788	889	892	1005	1022	*1022
Combustible fuels	247	114	125	176	144	*218
Hydro	541	775	767	829	878	*804
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	559	619	622	719	721	*746
Combustible fuels	200	109	120	171	139	*213
Hydro	359	510	502	548	582	*533
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	55	53	27	286	206	*266
Net production	733	836	865	719	816	*756
Imports	835	957	1867	2732	3071	3615
Exports	..	..	..	..	..	..
Losses	*200	*200	*404	404	404	*490
Consumption	*1500	*1600	2400	2300	3265	3022
Energy industries own use	..	..	..	..	..	..
By industry and construction	*300	*300	*500	600	600	*800
By transport	..	..	..	..	..	..
By households and other cons.	*1200	*1300	1900	1700	2665	2222
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	489	*489	*489	431	431	*431
Combustible fuels	115	115	115	115	115	*115
Hydro	374	*374	*374	316	316	*316
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	307	*307	*307	249	249	*249
Combustible fuels	60	60	60	60	60	*60
Hydro	247	*247	*247	189	189	*189
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	*1548	*774	774	1290	1290	*1290
Gas-diesel oil	*1290	*860	860	860	860	*860
Fuel oil	*40	*40	*40	*40	*40	*40
<b>Total input</b>	*2878	*1674	1674	2190	2190	*2190
<b>Total production</b>	889	410	450	634	518	*786
<b>Estimated efficiency (% of production to input)</b>	31	25	27	29	24	36

## Statistics on electricity

### Albania

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	3869	5231	7744	4217	4725	6956
Combustible fuels	72	1	1	59	0	0
Hydro	3797	5230	7743	4158	4725	6956
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3869	5231	7744	4217	4725	6956
Combustible fuels	72	1	1	59	0	0
Hydro	3797	5230	7743	4158	4725	6956
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	72	1	1	59	0	0
Net production	3797	5230	7743	4158	4725	6956
Imports	2434	1885	1985	3262	2538	2323
Exports	0	486	2934	232	0	0
Losses	1199	1250	1121	1076	1119	1953
Consumption	5031	5379	5673	6112	6144	7325
Energy industries own use	284	5	5	455	384	433
By industry and construction	851	829	1035	1053	1192	1388
By transport	..	..	..	..	..	..
By households and other cons.	3897	4545	4633	4604	4568	5505
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1688	1597	1613	1613	1767	1918
Combustible fuels	123	123	123	123	123	123
Hydro	1553	1460	1476	1476	1629	1781
Nuclear	..	..	..	..	..	..
Other	12	14	14	14	15	14
Main activity	1663	1572	1588	1588	1742	1893
Combustible fuels	98	98	98	98	98	98
Hydro	1553	1460	1476	1476	1629	1781
Nuclear	..	..	..	..	..	..
Other	12	14	14	14	15	14
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Refinery gas	0	0	0	0	0	0
Other oil products	0	68	201	429	0	0
<b>Total input</b>	0	68	201	429	0	0
<b>Total production</b>	260	3	3	213	0	0
<b>Estimated efficiency (% of production to input)</b>	..	5	2	50	..	..



**Statistics on electricity**
**Algeria**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	40236	38501	45734	51224	57397	59890
Combustible fuels	39953	38195	45560	50722	56775	59560
Hydro	283	306	174	502	622	330
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	39720	38207	45173	48872	54086	56148
Combustible fuels	39437	37901	44999	48370	53464	55818
Hydro	283	306	174	502	622	330
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2360	2133	2505	4542	4753	4873
Net production	37876	36368	43229	46682	52644	55017
Imports	274	330	736	657	936	295
Exports	323	362	803	799	985	384
Losses	7287	7859	9091	9899	11068	11023
Consumption	30541	28476	34069	36639	41527	43908
Energy industries own use	588	565	599	772	750	750
By industry and construction	9666	10116	12700	13138	14961	15670
By transport	367	540	634	696	783	796
By households and other cons.	19920	17255	20136	22033	25033	26692
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	8041	11325	11332	*11545	*13087	*15097
Combustible fuels	7761	11050	11057	*11270	*12787	*14797
Hydro	280	275	275	*275	*300	*300
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	7743	11027	11034	*10391	*10470	*12078
Combustible fuels	7463	10752	10759	*10116	*10170	*11778
Hydro	280	275	275	*275	*300	*300
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	9761	7697	13029	34658	47214	52202
Natural gas	463345	477300	477739	515864	558234	536620
<b>Total input</b>	473106	484997	490768	550522	605448	588822
<b>Total production</b>	143831	137502	164016	182599	204390	214416
<b>Estimated efficiency (% of production to input)</b>	30	28	33	33	34	36

Statistics on electricity

American Samoa

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	188	178	159	155	157	*156
Combustible fuels	188	178	159	155	156	*155
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	*1
Main activity	188	178	159	155	157	*156
Combustible fuels	188	178	159	155	156	*155
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	*1
Own use in electricity, CHP and heat plants	7	7	5	7	8	*7
Net production	182	172	154	148	149	*149
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	15	14	12	12	15	14
Consumption	167	158	142	136	134	136
Energy industries own use	..	..	..	..	..	..
By industry and construction	41	37	21	22	23	23
By transport	..	..	..	..	..	..
By households and other cons.	126	122	121	114	112	112
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	45	49	45	41	*42	*42
Combustible fuels	45	49	45	41	*41	*41
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	*1
Main activity	45	49	45	41	*42	*42
Combustible fuels	45	49	45	41	*41	*41
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
<b>Total input</b>	..	..	..	..	..	..
<b>Total production</b>	678	642	573	558	560	*559
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	..	..

## Statistics on electricity

### Andorra

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	79	*81	113	103	88	115
Combustible fuels	*16	*19	13	12	12	13
Hydro	63	*62	100	91	76	102
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	79	*81	113	103	88	115
Combustible fuels	*16	*19	13	12	12	13
Hydro	63	*62	100	91	76	102
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	12	12	13
Net production	79	*81	113	91	76	101
Imports	512	*506	471	466	*466	466
Exports	..	..	..	..	..	3
Losses	76	76	78	75	*75	*75
Consumption	499	524	506	483	*483	*483
Energy industries own use	..	..	..	..	..	..
By industry and construction	12	11	10	9	*9	*9
By transport	..	..	..	..	..	..
By households and other cons.	487	513	496	474	*474	*474
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	32	*32	*32	*32	*32	*32
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	27	*27	*27	*27	*27	*27
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	32	*32	*32	*32	*32	*32
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	27	*27	*27	*27	*27	*27
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Municipal waste	*226	*224	*218	*211	*211	*232
<b>Total input</b>	*226	*224	*218	*211	*211	*232
<b>Total production</b>	*57	*68	46	44	42	46
<b>Estimated efficiency (% of production to input)</b>	25	31	21	21	20	20

**Statistics on electricity**
**Angola**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	4156	4735	5449	5651	5613	5995
Combustible fuels	1022	1641	1746	1644	1633	1744
Hydro	3134	3094	3703	4007	3980	4251
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3954	4411	5104	5326	5290	5650
Combustible fuels	820	1317	1401	1319	1310	1399
Hydro	3134	3094	3703	4007	3980	4251
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	208	237	136	139	138	147
Net production	3948	4498	5313	5512	5475	5848
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	416	474	627	637	633	676
Consumption	3532	4024	4686	4875	4842	5172
Energy industries own use	..	..	..	..	..	..
By industry and construction	1122	1278	1578	1643	1632	1743
By transport	..	..	..	..	..	..
By households and other cons.	2410	2746	3108	3232	3210	3429
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*1155	*1155	1439	*1530	*1530	*1530
Combustible fuels	*657	*657	*657	*770	*770	*770
Hydro	498	498	782	760	760	*760
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*1025	*1025	1309	1400	1400	*1400
Combustible fuels	*527	*527	*527	*640	*640	*640
Hydro	498	498	782	760	760	*760
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	11610	18662	19866	18705	18619	19866
Fuel oil	6747	10827	11514	10827	10746	11474
<b>Total input</b>	18357	29489	31380	29532	29365	31340
<b>Total production</b>	3679	5908	6286	5918	5879	6278
<b>Estimated efficiency (% of production to input)</b>	20	20	20	20	20	20

Statistics on electricity

Anguilla

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	90	91	99	95	90	89
Combustible fuels	90	91	99	95	90	89
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	90	91	99	95	90	89
Combustible fuels	90	91	99	95	90	89
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	1	2	3	3	3
Net production	88	90	97	92	87	86
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	9	10	9	9	8	9
Consumption	*79	*80	*87	*84	*79	*77
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*79	*80	*87	*84	*79	*77
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	23	28	28	28	28	28
Combustible fuels	23	28	28	28	28	28
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	23	28	28	28	28	28
Combustible fuels	23	28	28	28	28	28
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	830	826	886	856	813	796
<b>Total input</b>	830	826	886	856	813	796
<b>Total production</b>	322	328	355	343	322	319
<b>Estimated efficiency (% of production to input)</b>	39	40	40	40	40	40

Statistics on electricity

Antigua and Barbuda

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*296	327	*326	*325	*327	*330
Combustible fuels	*296	327	*326	*325	*327	*330
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*295	326	*325	*324	*326	*329
Combustible fuels	*295	326	*325	*324	*326	*329
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*6	7	*7	*7	*7	*7
Net production	*290	320	*319	*318	*320	*323
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*80	*85	*84	*84	*85	*85
Consumption	*210	217	*221	*230	*235	*237
Energy industries own use	..	..	..	..	..	..
By industry and construction	*5	6	*7	*8	*8	*8
By transport	..	..	..	..	..	..
By households and other cons.	*205	211	*214	*222	*227	*229
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*55	55	55	84	84	*84
Combustible fuels	*55	55	55	84	84	*84
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*54	54	54	83	83	*83
Combustible fuels	*54	54	54	83	83	*83
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*2107	*2000	*2408	*2365	*2365	*2365
Fuel oil	*1172	*1333	*1374	*1374	*1414	*1414
<b>Total input</b>	*3279	*3333	*3782	*3739	*3779	*3779
<b>Total production</b>	*1066	1179	*1174	*1170	*1177	*1188
<b>Estimated efficiency (% of production to input)</b>	33	35	31	31	31	31

## Statistics on electricity

### Argentina

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	121927	122348	125594	129892	135207	140863
Combustible fuels	83815	79856	84480	91592	98719	100758
Hydro	30740	34295	33918	31901	29716	33422
Nuclear	7330	8161	7171	6371	6395	6207
Other	42	36	25	28	377	476
Main activity	108281	107892	110269	114840	119978	126147
Combustible fuels	70257	65491	69247	76598	83548	86095
Hydro	30652	34204	33826	31843	29658	33369
Nuclear	7330	8161	7171	6371	6395	6207
Other	42	36	25	28	377	476
Own use in electricity, CHP and heat plants	3553	3420	4076	4304	3919	4303
Net production	118374	118928	121518	125588	131288	136560
Imports	8458	8600	10299	10929	8116	8303
Exports	2975	2445	1701	1262	506	247
Losses	16274	17980	16817	18701	18442	19992
Consumption	107584	107096	113308	116551	120569	124624
Energy industries own use	538	715	551	561	719	497
By industry and construction	47444	45520	48331	50458	50535	52859
By transport	653	664	669	675	616	594
By households and other cons.	58949	60197	63757	64857	68699	70674
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	30984	32125	32876	33810	35023	39563
Combustible fuels	19926	21035	21783	22660	23807	28269
Hydro	10011	10044	10045	10045	10053	10074
Nuclear	1018	1018	1018	1018	1018	1018
Other	29	28	30	*87	145	202
Main activity	27355	28330	29010	29887	31008	35500
Combustible fuels	16317	17260	17939	18759	19815	24228
Hydro	9991	10024	10025	10025	10033	10054
Nuclear	1018	1018	1018	1018	1018	1018
Other	29	28	28	*85	143	200
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	11429	11920	21053	26574	30960	22575
Gas-diesel oil	34658	34658	64500	78905	73229	95976
Fuel oil	100030	100030	93647	108151	117968	93243
Refinery gas	7326	5445	4010	1337	2129	2129
Natural gas	615354	616394	586554	626708	688255	624838
Coke-oven gas	5824	4218	5400	5897	2825	2428
Blast furnace gas	5283	3826	4899	5350	5930	5568
Fuelwood	11073	9252	9270	10500	10655	9829
Bagasse	..	..	..	877	3680	8842
Vegetal waste	11418	10269	21299	18188	18830	3977
Others	..	..	142	95	1882	2029
<b>Total input</b>	802396	796012	810773	882581	956342	871434
<b>Total production</b>	301734	287482	304128	329731	355388	362729
<b>Estimated efficiency (% of production to input)</b>	38	36	38	37	37	42

**Statistics on electricity**
**Armenia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	6114	5672	6491	7433	8036	7710
Combustible fuels	1854	1154	1438	2390	3399	3173
Hydro	1797	2020	2556	2489	2311	2173
Nuclear	2461	2494	2490	2548	2322	2360
Other	2	4	7	6	4	4
Main activity	6114	5672	6491	7433	8036	7710
Combustible fuels	1854	1154	1438	2390	3399	3173
Hydro	1797	2020	2556	2489	2311	2173
Nuclear	2461	2494	2490	2548	2322	2360
Other	2	4	7	6	4	4
Own use in electricity, CHP and heat plants	335	295	279	327	337	329
Net production	5779	5377	6212	7106	7699	7381
Imports	338	295	246	205	98	148
Exports	632	325	1077	1533	1696	1313
Losses	860	843	730	904	981	949
Consumption	4902	4487	4667	5151	5120	5404
Energy industries own use	..	..	..	..	..	..
By industry and construction	1171	1009	1047	1083	1180	1209
By transport	120	119	119	120	127	124
By households and other cons.	3611	3359	3501	3948	3813	4071
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	3151	3175	3480	3509	4055	4095
Combustible fuels	1660	1662	1906	1906	2394	2394
Hydro	1080	1102	1162	1191	1249	1289
Nuclear	408	408	408	408	408	408
Other	3	3	4	4	4	4
Main activity	3151	3175	3480	3509	4055	4095
Combustible fuels	1660	1662	1906	1906	2394	2394
Hydro	1080	1102	1162	1191	1249	1289
Nuclear	408	408	408	408	408	408
Other	3	3	4	4	4	4
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Natural gas	20606	12781	*12532	*20829	*29622	*28760
<b>Total input</b>	20606	12781	*12532	*20829	*29622	*28760
<b>Total production</b>	6674	4154	5177	8604	12236	11423
<b>Estimated efficiency (% of production to input)</b>	32	33	41	41	41	40



## Statistics on electricity

### Aruba

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	914	924	940	931	915	*928
Combustible fuels	914	924	834	818	778	*790
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	107	113	136	*138
Main activity	914	924	940	931	915	*928
Combustible fuels	914	924	834	818	778	*790
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	107	113	136	*138
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	914	924	940	931	915	*928
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	149	150	151	159	148	149
Consumption	764	*774	*790	*772	*766	*779
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	764	*774	*790	*772	*766	*779
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	236	236	320	320	320	288
Combustible fuels	236	236	290	290	290	258
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	30	30	30	30
Main activity	236	236	320	320	320	288
Combustible fuels	236	236	290	290	290	258
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	30	30	30	30
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1750	*1871	*843	*667	*215	*215
Fuel oil	*8080	*8080	*8080	*8080	*8080	*8080
<b>Total input</b>	*9830	*9951	*8923	*8747	*8295	*8295
<b>Total production</b>	3289	3327	3001	2944	2801	*2843
<b>Estimated efficiency (% of production to input)</b>	33	33	34	34	34	34

## Statistics on electricity

### Australia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	243221	248754	252297	253300	250008	249060
Combustible fuels	227943	232900	233270	229154	227253	219644
Hydro	12057	11869	13549	16807	14083	18270
Nuclear	..	..	..	..	..	..
Other	3221	3985	5478	7339	8672	11146
Main activity	228845	232681	235867	235230	230331	232595
Combustible fuels	213690	216983	217261	212611	210131	206992
Hydro	12057	11869	13549	16807	14083	18270
Nuclear	..	..	..	..	..	..
Other	3098	3829	5057	5812	6117	7333
Own use in electricity, CHP and heat plants	15148	16612	16368	16686	15078	16175
Net production	228073	232142	235929	236614	234930	232885
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	14811	14666	15525	13313	12608	14792
Consumption	213261	217475	220404	223301	222321	218108
Energy industries own use	10899	10985	11163	11689	11924	12084
By industry and construction	78203	78708	79969	81751	79956	79107
By transport	4035	4252	3946	3936	4072	3915
By households and other cons.	120124	123530	125326	125925	126369	123002
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	54350	57059	60068	61939	64246	64026
Combustible fuels	44269	46628	49028	49626	50459	49509
Hydro	8554	8619	8773	8788	8790	8037
Nuclear	..	..	..	..	..	..
Other	1527	1812	2267	3525	4997	6480
Main activity	50646	52987	55730	56490	57566	56523
Combustible fuels	40647	42661	45089	45571	46211	45261
Hydro	8554	8619	8773	8788	8790	8037
Nuclear	..	..	..	..	..	..
Other	1445	1707	1868	2131	2565	3225
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	434214	446546	390922	361148	332227	660661
Brown Coal	1582714	1653988	1587768	1536332	1554308	1229172
Lignite briquettes	1573	1325	1139	1159	1366	1532
Biogas	9881	11987	11913	12554	15597	11768
Gas-diesel oil	40248	28853	25929	25628	28423	29412
Fuel oil	9817	5979	5575	5414	5414	6181
Other oil products	..	2814	1327	1889	2412	2211
Natural gas	370882	428150	432277	502249	515715	519842
Blast furnace gas	953	3186	3442	3061	2883	3017
Fuelwood	*87889	*21594	*18812	*12562	*12745	11466
<b>Total input</b>	2538171	2604422	2479103	2461997	2471089	2475262
<b>Total production</b>	820595	838440	839772	824954	818111	790718
<b>Estimated efficiency (% of production to input)</b>	32	32	34	34	33	32

## Statistics on electricity

### Austria

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	66877	69088	71128	65813	72617	68301
Combustible fuels	24126	23397	27398	25909	22101	18815
Hydro	40690	43669	41558	37782	47705	45739
Nuclear	..	..	..	..	..	..
Other	2061	2022	2172	2122	2811	3747
Main activity	57951	60603	61649	56353	64043	60201
Combustible fuels	16427	16184	18995	17426	14076	11281
Hydro	39481	42414	40500	36816	47167	45187
Nuclear	..	..	..	..	..	..
Other	2043	2005	2154	2111	2800	3733
Own use in electricity, CHP and heat plants	2257	1474	1867	2037	2117	2440
Net production	64620	67614	69261	63776	70500	65861
Imports	19796	19542	19898	24972	23264	24960
Exports	14933	18762	17567	16777	20454	17688
Losses	3448	3582	3354	3307	3359	3388
Consumption	66035	64813	68238	68664	69951	69745
Energy industries own use	4711	5247	5921	6464	7000	6805
By industry and construction	26196	25504	27120	28063	28119	28192
By transport	3482	3318	3451	3135	3069	3098
By households and other cons.	31646	30744	31746	31002	31763	31650
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	20548	20790	21187	22556	22917	23592
Combustible fuels	7247	7278	7345	8178	8161	8171
Hydro	12263	12446	12706	12980	13076	13149
Nuclear	..	..	..	..	..	..
Other	1038	1066	1136	1398	1680	2272
Main activity	18632	18675	18876	20182	20568	21213
Combustible fuels	5874	5712	5582	6339	6347	6327
Hydro	11720	11897	12158	12445	12541	12614
Nuclear	..	..	..	..	..	..
Other	1038	1066	1136	1398	1680	2272
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	44763	30960	40661	44066	36094	34391
Biogas	6230	5667	5670	5942	6978	6492
Fuel oil	12928	13090	14302	11433	8686	8484
Natural gas	97454	102872	115073	101925	85531	64379
Coke-oven gas	2230	2394	2274	2199	2282	1800
Blast furnace gas	11941	10294	14468	14979	14233	16294
Fuelwood	*37468	*40464	*43213	*44856	*48880	*41984
Municipal waste	9197	11683	12507	13429	13309	13551
Industrial waste	3420	4561	5402	5766	6619	6491
Black liquor	*2071	*199	*1728	*4048	*6909	*5099
Others	2771	2639	2059	1118	1218	1027
<b>Total input</b>	230473	224823	257356	249761	230739	199992
<b>Total production</b>	86854	84229	98633	93272	79564	67734
<b>Estimated efficiency (% of production to input)</b>	38	37	38	37	34	34

## Statistics on electricity

### Azerbaijan

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	21643	18868	18710	20294	22988	23354
Combustible fuels	19411	16558	15263	17618	21167	21863
Hydro	2232	2308	3446	2676	1821	1489
Nuclear	..	..	..	..	..	..
Other	..	2	1	0	0	2
Main activity	21323	18599	18450	19993	21358	21556
Combustible fuels	19091	16289	15003	17317	19537	20065
Hydro	2232	2308	3446	2676	1821	1489
Nuclear	..	..	..	..	..	..
Other	..	2	1	0	0	2
Own use in electricity, CHP and heat plants	1124	960	975	947	977	961
Net production	20519	17908	17735	19347	22011	22393
Imports	216	110	100	128	141	127
Exports	812	380	462	805	680	495
Losses	3163	4100	3830	3973	3368	3281
Consumption	16638	13436	13419	14567	18023	18661
Energy industries own use	1072	1177	1184	1300	2629	2679
By industry and construction	3245	1904	1758	2130	3027	2996
By transport	577	521	545	545	523	531
By households and other cons.	11744	9834	9932	10592	11844	12455
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	5798	6388	6396	6350	6420	7353
Combustible fuels	4773	5401	5401	5352	5397	6264
Hydro	1025	987	995	998	1023	1084
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	5
Main activity	5698	6288	6296	6250	6294	7117
Combustible fuels	4673	5301	5301	5252	5271	6028
Hydro	1025	987	995	998	1023	1084
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	5
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	258	129	129	129	215	172
Fuel oil	18261	5212	81	3313	3959	0
Natural gas	200021	175521	161896	180185	203578	206854
Municipal waste	..	..	..	..	..	2104
<b>Total input</b>	218540	180862	162106	183627	207752	209130
<b>Total production</b>	69880	59609	54947	63425	76201	78707
<b>Estimated efficiency (% of production to input)</b>	32	33	34	35	37	38

## Statistics on electricity

### Bahamas

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2251	2140	2011	2054	1901	1885
Combustible fuels	2251	2140	2011	2054	1901	1885
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2181	2068	1937	1980	1827	1811
Combustible fuels	2181	2068	1937	1980	1827	1811
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	70	72	74	74	74	74
Net production	2181	2068	1937	1980	1827	1811
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	1891	1787	1878	1924	1776	1767
Energy industries own use	..	..	..	..	..	..
By industry and construction	1033	987	1094	1129	1046	1048
By transport	..	..	..	..	..	..
By households and other cons.	858	800	784	795	730	719
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	591	591	591	591	591	591
Combustible fuels	591	591	591	591	591	591
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	536	536	536	536	536	536
Combustible fuels	536	536	536	536	536	536
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*15265	*15480	*16340	*16340	*16770	*17114
<b>Total input</b>	*15265	*15480	*16340	*16340	*16770	*17114
<b>Total production</b>	8104	7704	7240	7394	6844	6786
<b>Estimated efficiency (% of production to input)</b>	53	50	44	45	41	40

**Statistics on electricity**
**Bahrain**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	22819	22555	23441	24338	24770	25916
Combustible fuels	22819	22555	23441	24338	24770	25916
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	11937	12056	13230	13706	14260	14750
Combustible fuels	11937	12056	13230	13706	14260	14750
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	253	175	193	120	117	69
Net production	22566	22380	23248	24218	24653	25847
Imports	0	168	192	227	35	70
Exports	275	0	19	107	190	53
Losses	1938	2038	1614	1563	1417	1351
Consumption	20859	20510	22193	22775	23315	24513
Energy industries own use	..	..	..	..	..	..
By industry and construction	12386	11568	11458	12333	12410	13180
By transport	..	..	..	..	..	..
By households and other cons.	8473	8942	10735	10442	10905	11333
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*5477	*5868	*5868	*5868	*5868	*5868
Combustible fuels	*5477	*5868	*5868	*5868	*5868	*5868
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*2477	*2868	*2868	*2868	*2868	*2868
Combustible fuels	*2477	*2868	*2868	*2868	*2868	*2868
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	..	..	..	..	..	121
Natural gas	347645	352235	355879	363675	372448	389899
<b>Total input</b>	347645	352235	355879	363675	372448	390020
<b>Total production</b>	82148	81198	84388	87617	89172	93298
<b>Estimated efficiency (% of production to input)</b>	24	23	24	24	24	24

**Statistics on electricity**
**Bangladesh**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	34218	37177	40790	44153	48562	53043
Combustible fuels	33268	36760	40061	43281	47785	52000
Hydro	950	417	729	872	777	894
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	149
Main activity	25712	27137	28754	31202	35354	38766
Combustible fuels	24762	26720	28025	30330	34577	37723
Hydro	950	417	729	872	777	894
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	149
Own use in electricity, CHP and heat plants	2053	2231	2447	2649	2914	3183
Net production	32165	34946	38343	41504	45648	49860
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	4271	4191	4300	4500	5757	6992
Consumption	27988	30793	34392	36971	40088	42634
Energy industries own use	..	..	..	..	..	..
By industry and construction	16038	17568	19552	21202	22163	23915
By transport	..	..	..	..	..	..
By households and other cons.	11950	13225	14840	15769	17925	18719
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	5453	5719	5827	6639	8100	8537
Combustible fuels	5223	5489	5597	6409	7870	8222
Hydro	230	230	230	230	230	315
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4195	3812	3916	4728	5725	6315
Combustible fuels	3965	3582	3686	4498	5495	6000
Hydro	230	230	230	230	230	315
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	11713	12152	12358	10578	11584	15274
Gas-diesel oil	7009	6923	7697	9718	9718	8901
Fuel oil	11474	6504	7676	21533	34986	42582
Natural gas	342978	382771	435111	434148	470590	508333
<b>Total input</b>	373174	408350	462842	475977	526879	575089
<b>Total production</b>	119765	132336	144220	155812	172026	187200
<b>Estimated efficiency (% of production to input)</b>	32	32	31	33	33	33

## Statistics on electricity

### Barbados

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1054	1068	1028	1049	1129	1016
Combustible fuels	1054	1068	1028	1049	1129	1016
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1054	1068	1028	1044	1125	1013
Combustible fuels	1054	1068	1028	1044	1125	1013
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	75	72	19	41	37	58
Net production	979	997	1009	1008	1091	958
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	43	45	51	68	43	43
Consumption	936	951	958	940	1048	915
Energy industries own use	..	..	..	..	..	..
By industry and construction	62	63	63	86	76	73
By transport	..	..	..	..	..	..
By households and other cons.	874	889	895	854	972	842
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	210	215	257	242	241	241
Combustible fuels	210	215	257	242	241	241
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	210	215	257	239	239	239
Combustible fuels	210	215	257	239	239	239
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	1881	1707	1846	2034	1777	1689
Fuel oil	9043	9685	8008	8538	8682	8632
Other kerosene	400	335	329	363	271	336
Natural gas	131	82	108	115	152	255
Bagasse	0	0	0	43	38	29
<b>Total input</b>	11456	11808	10292	11092	10920	10941
<b>Total production</b>	3793	3846	3700	3776	4063	3657
<b>Estimated efficiency (% of production to input)</b>	33	33	36	34	37	33



## Statistics on electricity

### Belarus

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	35048	30376	34895	32192	30799	31507
Combustible fuels	35008	30331	34849	32149	30723	31361
Hydro	39	44	45	42	70	138
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	6	8
Main activity	33660	28640	32455	29604	27749	28531
Combustible fuels	33635	28610	32412	29566	27681	28394
Hydro	25	30	43	38	64	131
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	4	6
Own use in electricity, CHP and heat plants	2269	2130	2264	2220	2203	2189
Net production	32779	28246	32631	29972	28596	29318
Imports	7085	8404	7767	9289	10398	9382
Exports	5245	3933	5067	3704	2797	3012
Losses	3714	3487	3774	3412	3406	3342
Consumption	30896	29230	31557	32145	32791	32346
Energy industries own use	1476	1539	2175	2257	2413	2411
By industry and construction	14518	12332	13204	13603	13353	12719
By transport	1803	1618	1710	1676	1573	1450
By households and other cons.	13099	13741	14468	14609	15452	15766
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	8054	*8106	8275	8375	8975	9181
Combustible fuels	8039	*8089	8259	8356	8939	9144
Hydro	14	*15	15	15	33	33
Nuclear	..	..	..	..	..	..
Other	1	2	2	3	3	*3
Main activity	7729	*7729	7822	7906	8393	8473
Combustible fuels	7719	*7719	7812	7895	8365	8445
Hydro	10	*10	9	9	26	26
Nuclear	..	..	..	..	..	..
Other	..	..	..	2	2	2
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	0	0	0	0	0	0
Peat	859	849	820	839	849	1005
Biogas	14	61	78	116	145	337
Gas-diesel oil	0	0	0	0	0	0
Fuel oil	11878	76800	8363	3111	8888	1293
Refinery gas	0	0	0	1337	2277	2030
Natural gas	469198	345512	482698	448015	426772	441450
Fuelwood	2208	2371	2820	3088	3180	3365
Industrial waste	564	1441	2049	1142	674	686
Peat products	0	39	254	224	342	371
Others	0	0	0	0	0	0
<b>Total input</b>	484720	427074	497081	457872	443127	450536
<b>Total production</b>	126029	109192	125456	115736	110603	112900
<b>Estimated efficiency (% of production to input)</b>	26	26	25	25	25	25

## Statistics on electricity

### Belgium

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	84930	91225	95120	90235	83084	83456
Combustible fuels	36680	40999	43401	36963	36004	32500
Hydro	1757	1757	1668	1423	1659	1723
Nuclear	45568	47222	47944	48234	40295	42644
Other	925	1247	2107	3615	5126	6589
Main activity	82053	87401	89823	83647	74820	74565
Combustible fuels	34087	37425	38926	31688	30133	26572
Hydro	1757	1757	1668	1423	1659	1723
Nuclear	45568	47222	47944	48234	40295	42644
Other	641	997	1285	2302	2733	3626
Own use in electricity, CHP and heat plants	3546	3702	3684	3506	3138	3263
Net production	81384	87523	91436	86729	79946	80193
Imports	17158	9486	12395	13189	16848	17243
Exports	6561	11321	11844	10652	6912	7603
Losses	4262	4065	4283	4154	4131	4006
Consumption	87594	81544	87704	85213	85739	84916
Energy industries own use	4908	4289	4393	4931	4424	3931
By industry and construction	39019	32676	38137	37261	37490	37230
By transport	1723	1762	1736	1631	1581	1679
By households and other cons.	41944	42817	43438	41390	42244	42076
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	16758	17785	18690	20098	20773	20840
Combustible fuels	9128	9472	9522	10285	9468	8910
Hydro	1418	1417	1425	1426	1427	1429
Nuclear	5825	5902	5927	5927	5927	5927
Other	387	994	1816	2460	3951	4574
Main activity	15739	16321	16664	17553	16904	16574
Combustible fuels	8165	8391	8397	9128	8182	7559
Hydro	1418	1417	1425	1426	1427	1429
Nuclear	5825	5902	5927	5927	5927	5927
Other	331	611	915	1072	1368	1659
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	50387	44918	39242	32714	32818	28483
Biogas	3236	3783	4126	3666	4254	4648
Refinery gas	..	..	1188	1436	2525	446
Natural gas	196771	231547	246135	187904	186532	163292
Blast furnace gas	22372	9470	14589	15628	16176	16560
Fuelwood	*22930	*23575	*26137	*29689	*34228	*31337
Municipal waste	23527	26189	30872	37361	28588	28059
Industrial waste	7523	8886	8954	9175	10079	6080
Other recovered gases	..	..	610	988	1245	1238
Other liquid biofuels	877	2165	1507	1178	877	658
Others	4574	3066	3139	2321	1346	1094
<b>Total input</b>	332197	353598	376499	322060	318667	281894
<b>Total production</b>	132048	147596	156244	133067	129614	117000
<b>Estimated efficiency (% of production to input)</b>	40	42	41	41	41	42

## Statistics on electricity

### Belize

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	218	*255	415	384	*424	*371
Combustible fuels	11	*35	152	140	*150	*131
Hydro	207	*221	263	245	*275	*240
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	218	*255	334	314	*352	*308
Combustible fuels	11	*35	71	*69	*77	*68
Hydro	207	*221	263	245	*275	*240
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	3	*5	15	*13	*14	*14
Net production	215	*250	400	371	*410	*357
Imports	248	216	160	171	172	234
Exports	..	..	..	..	..	..
Losses	57	49	50	56	56	66
Consumption	407	417	509	485	*527	*536
Energy industries own use	..	..	..	..	..	..
By industry and construction	159	158	160	152	*154	*157
By transport	..	..	..	..	..	..
By households and other cons.	248	259	349	333	*373	*380
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	83	111	144	144	144	143
Combustible fuels	37	65	91	91	91	88
Hydro	46	46	53	53	53	55
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	83	111	116	116	118	120
Combustible fuels	37	65	63	63	65	66
Hydro	46	46	53	53	53	55
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Crude oil	..	..	18	14	17	17
Gas-diesel oil	127	230	90	85	86	207
Fuel oil	..	*145	147	*147	*162	*174
Natural gas	..	..	121	42	56	68
Bagasse	..	..	1456	*1313	*1367	*1336
<b>Total input</b>	127	375	1831	*1601	*1688	*1802
<b>Total production</b>	41	*124	547	503	*539	*472
<b>Estimated efficiency (% of production to input)</b>	32	33	30	31	32	26

## Statistics on electricity

### Benin

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	229	128	150	155	163	173
Combustible fuels	229	128	150	155	163	173
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	199	112	123	127	134	142
Combustible fuels	199	112	123	127	134	142
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	229	128	150	155	163	173
Imports	662	866	935	928	979	1035
Exports	..	..	..	..	..	..
Losses	140	208	207	214	225	239
Consumption	748	786	842	869	917	969
Energy industries own use	..	..	..	..	..	..
By industry and construction	141	128	137	141	150	159
By transport	..	..	..	..	..	..
By households and other cons.	607	658	705	728	767	810
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*174	*174	*174	*174	*174	*174
Combustible fuels	*173	*173	*173	*173	*173	*173
Hydro	*1	*1	*1	*1	*1	*1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*166	*166	*166	*166	*166	*166
Combustible fuels	*165	*165	*165	*165	*165	*165
Hydro	*1	*1	*1	*1	*1	*1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	2064	1247	1462	1505	1591	1677
Fuel oil	40	..	..	..	..	..
Fuelwood	47	30	22	23	24	25
<b>Total input</b>	2151	1277	1484	1528	1615	1702
<b>Total production</b>	824	461	540	558	587	623
<b>Estimated efficiency (% of production to input)</b>	38	36	36	37	36	37

## Statistics on electricity

### Bermuda

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*727	*746	742	*726	*692	*673
Combustible fuels	*727	*746	742	*726	*692	*673
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*713	*733	730	*714	*680	*661
Combustible fuels	*713	*733	730	*714	*680	*661
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*47	*45	50	*48	*41	*41
Net production	*680	*701	692	*678	*651	*632
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*37	*50	*49	*48	*46	*46
Consumption	645	657	651	636	606	586
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	645	657	651	636	606	586
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	169	*169	*169	169	171	*171
Combustible fuels	169	*169	*169	169	171	*171
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	165	*165	*165	165	167	*167
Combustible fuels	165	*165	*165	165	167	*167
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*968	*993	989	950	*907	..
Fuel oil	*5313	*2778	*4305	*2202	*4977	*4977
Municipal waste	*659	*612	*584	*560	*565	*565
<b>Total input</b>	*6939	*4384	*5878	*3712	*6450	*5542
<b>Total production</b>	*2617	*2686	2673	*2613	*2491	*2423
<b>Estimated efficiency (% of production to input)</b>	38	61	45	70	39	44

## Statistics on electricity

### Bhutan

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	6961	6998	7328	7068	6827	7640
Combustible fuels	0	0	0	0	0	1
Hydro	6961	6998	7328	7067	6827	7640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6961	6998	7328	7068	6827	7640
Combustible fuels	0	0	0	0	0	1
Hydro	6961	6998	7328	7067	6827	7640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	217	223	426	106	120	176
Net production	6744	6775	6902	6962	6707	7464
Imports	17	20	20	20	37	108
Exports	5609	5352	5268	5268	4890	5648
Losses	12	15	19	23	23	21
Consumption	1203	1498	1573	1638	1770	1841
Energy industries own use	..	..	..	..	..	..
By industry and construction	870	1110	1322	1365	1462	1519
By transport	..	..	..	..	..	..
By households and other cons.	334	388	251	273	307	322
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1505	1505	1505	1505	1505	1506
Combustible fuels	17	17	17	17	17	17
Hydro	1488	1488	1488	1488	1488	1488
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	1505	1505	1505	1505	1505	1506
Combustible fuels	17	17	17	17	17	17
Hydro	1488	1488	1488	1488	1488	1488
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1	*1	*3	*3	*2	*6
<b>Total input</b>	*1	*1	*3	*3	*2	*6
<b>Total production</b>	0	0	1	1	1	2
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	33

**Statistics on electricity**
**Bolivia (Plur. State of)**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	5817	6121	6777	7219	7661	8063
Combustible fuels	3506	3823	4592	4869	5306	5525
Hydro	2310	2296	2182	2347	2352	2535
Nuclear	..	..	..	..	..	..
Other	1	2	3	3	3	3
Main activity	5720	6000	6658	7096	7538	8004
Combustible fuels	3410	3704	4476	4749	5186	5469
Hydro	2310	2296	2182	2347	2352	2535
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	93	103	123	140	159	191
Net production	5724	6018	6654	7079	7502	7872
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	686	718	783	796	869	728
Consumption	5473	5717	6112	6329	6613	6962
Energy industries own use	..	..	..	..	..	..
By industry and construction	1683	1756	1717	1734	1790	1882
By transport	..	..	..	..	..	..
By households and other cons.	3790	3961	4395	4595	4823	5080
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1455	1531	1647	1684	1882	*2114
Combustible fuels	1014	1041	1157	1188	1387	*1618
Hydro	440	488	488	494	494	*494
Nuclear	..	..	..	..	..	..
Other	*1	*2	*2	*2	*2	*2
Main activity	1334	1403	1508	1563	1746	*1959
Combustible fuels	917	942	1047	1096	1279	*1492
Hydro	416	461	462	467	467	*467
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	1247	1333	1677	1462	1978	1892
Natural gas	41597	45959	55467	60161	62116	60107
Vegetal waste	*2315	*2846	*2776	*2869	*2880	*1339
<b>Total input</b>	45159	50138	59920	64492	66974	63338
<b>Total production</b>	12622	13763	16531	17528	19102	19890
<b>Estimated efficiency (% of production to input)</b>	28	27	28	27	29	31

Statistics on electricity

Bonaire, St Eustatius, Saba

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	..	..	..	..	*119	*122
Combustible fuels	..	..	..	..	*119	*122
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	..	..	..	..	*119	*122
Combustible fuels	..	..	..	..	*119	*122
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	..	..	..	..	*11	*12
Net production	..	..	..	..	*107	*110
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	*19	*20
Consumption	..	..	..	..	*88	*91
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	*48	*50
By transport	..	..	..	..	..	..
By households and other cons.	..	..	..	..	*40	*41
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	..	..	..	..	*28	*29
Combustible fuels	..	..	..	..	*28	*29
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	..	..	..	..	*28	*29
Combustible fuels	..	..	..	..	*28	*29
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	..	..	..	..	*1103	*1131
<b>Total input</b>	..	..	..	..	*1103	*1131
<b>Total production</b>	..	..	..	..	*427	*439
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	39	39



**Statistics on electricity**
**Bosnia and Herzegovina**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	14823	15668	17124	15280	14082	17451
Combustible fuels	9956	9429	9098	10893	9867	10215
Hydro	4867	6239	8026	4387	4215	7236
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	14620	15348	16722	14955	13739	17082
Combustible fuels	9753	9109	8696	10568	9524	9846
Hydro	4867	6239	8026	4387	4215	7236
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	968	967	966	1053	1047	998
Net production	13855	14701	16158	14227	13035	16453
Imports	3412	2887	3076	4171	4481	3167
Exports	5057	5877	6905	5660	4525	6862
Losses	1966	1875	1602	1549	1496	1448
Consumption	10244	9836	10727	11189	11495	11310
Energy industries own use	260	373	380	401	398	377
By industry and construction	3894	3132	3819	4215	4383	4149
By transport	94	98	136	139	107	84
By households and other cons.	5996	6233	6392	6434	6607	6700
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*4304	*4304	*4304	*4304	*4304	*4304
Combustible fuels	*2187	*2187	*2187	*2187	*2187	*2187
Hydro	*2117	*2117	*2117	*2117	*2117	*2117
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*4074	*4074	*4074	*4074	*4074	*4074
Combustible fuels	*1957	*1957	*1957	*1957	*1957	*1957
Hydro	*2117	*2117	*2117	*2117	*2117	*2117
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	135506	137746	136962	161630	149240	143766
Fuel oil	0	364	485	364	283	485
Natural gas	0	815	680	681	719	530
<b>Total input</b>	135506	138925	138127	162675	150242	144781
<b>Total production</b>	35842	33944	32753	39215	35521	36774
<b>Estimated efficiency (% of production to input)</b>	26	24	24	24	24	25

## Statistics on electricity

### Botswana

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	697	621	532	437	251	761
Combustible fuels	697	621	532	437	250	760
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Main activity	697	621	532	437	251	761
Combustible fuels	697	621	532	437	250	760
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Own use in electricity, CHP and heat plants	67	71	75	66	31	92
Net production	631	550	457	371	220	669
Imports	2585	2749	2985	3180	3371	2981
Exports	..	..	..	..	..	..
Losses	327	381	333	434	393	340
Consumption	2889	2917	3109	3118	3198	3310
Energy industries own use	..	..	..	..	..	..
By industry and construction	1186	1123	1141	1117	1086	1128
By transport	..	..	..	..	..	..
By households and other cons.	1703	1794	1967	2001	2112	2183
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	152	152	152	152	153	153
Combustible fuels	152	152	152	152	152	152
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	..	1	1
Main activity	132	132	132	132	133	133
Combustible fuels	132	132	132	132	132	132
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	..	1	1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	12178	10862	9288	7637	4360	13287
Gas-diesel oil	0	0	0	602	1032	1591
<b>Total input</b>	12178	10862	9288	8239	5392	14878
<b>Total production</b>	2509	2235	1916	1574	898	2736
<b>Estimated efficiency (% of production to input)</b>	21	21	21	19	17	18

**Statistics on electricity**
**Brazil**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	463120	466158	515798	531759	552498	570836
Combustible fuels	78758	60975	95809	85062	116068	157810
Hydro	369556	390988	403289	428333	415342	390992
Nuclear	13969	12957	14523	15659	16038	15450
Other	837	1238	2177	2705	5050	6584
Main activity	412013	409150	442803	454726	474469	484675
Combustible fuels	42922	23285	43504	30741	58502	93705
Hydro	354285	371670	382599	405621	394879	368939
Nuclear	13969	12957	14523	15659	16038	15450
Other	837	1238	2177	2705	5050	6581
Own use in electricity, CHP and heat plants	5685	4895	5685	5075	6129	7664
Net production	457435	461263	510113	526684	546369	563172
Imports	42901	40746	35906	38430	40722	40334
Exports	689	1080	1257	2544	467	0
Losses	77081	79795	85747	87524	94355	94995
Consumption	422566	421135	459015	475045	492269	508510
Energy industries own use	12711	13254	21152	18297	20221	22056
By industry and construction	197218	186741	203351	209390	209622	210159
By transport	1607	1591	1662	1700	1785	1884
By households and other cons.	211030	219549	232850	245658	260641	274411
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	102962	106573	112400	117134	120973	126743
Combustible fuels	22923	25353	29154	31243	32786	36528
Hydro	77694	78611	80637	82459	84294	86018
Nuclear	2007	2007	2007	2007	2007	1990
Other	338	602	602	1425	1886	2207
Main activity	91863	94299	96867	99359	102155	106831
Combustible fuels	15216	16480	17013	17905	18448	21426
Hydro	74302	75210	77245	78022	79814	81213
Nuclear	2007	2007	2007	2007	2007	1990
Other	338	602	602	1425	1886	2202
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	124382	101962	122627	118293	160141	228433
Gas-diesel oil	82775	74949	95331	91934	116874	116788
Fuel oil	59428	45652	45167	29411	54015	91748
Refinery gas	25657	12548	19597	13463	17194	30210
Other oil products	5347	6030	5186	8241	10693	8643
Natural gas	251878	115327	307963	230183	398537	611516
Coke-oven gas	23060	14482	13318	13171	11595	11153
Fuelwood	11665	8295	11592	10752	11391	12570
Bagasse	74958	97407	147963	144372	160527	190829
Vegetal waste	88075	95938	94463	128035	143236	103244
Others	708	413	1121	0	0	0
<b>Total input</b>	747933	573001	864329	787855	1084203	1405134
<b>Total production</b>	283529	219510	344912	306223	417845	568116
<b>Estimated efficiency (% of production to input)</b>	38	38	40	39	39	40

Statistics on electricity

British Virgin Islands

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*121	*125	*128	131	*130	*130
Combustible fuels	*121	*125	*128	131	*130	*130
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*121	*125	*128	131	*130	*130
Combustible fuels	*121	*125	*128	131	*130	*130
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*5	*6	*6	6	*6	*6
Net production	*116	*119	*122	125	*124	*124
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*14	*14	*15	*15	*15	*15
Consumption	*102	*105	*107	*110	*109	*109
Energy industries own use	..	..	..	..	..	..
By industry and construction	*3	*3	*3	*3	*3	*3
By transport	..	..	..	..	..	..
By households and other cons.	*99	*102	*104	*107	*106	*106
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	42	44	44	45	45	45
Combustible fuels	42	44	44	44	44	44
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	1	1	1
Main activity	42	44	44	45	45	45
Combustible fuels	42	44	44	44	44	44
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	1	1	1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1307	*1350	*1380	*1415	*1406	*1406
<b>Total input</b>	*1307	*1350	*1380	*1415	*1406	*1406
<b>Total production</b>	*436	*450	*461	472	*468	*468
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	33

**Statistics on electricity**
**Brunei Darussalam**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	3423	3612	3792	3725	3930	4402
Combustible fuels	3423	3612	3792	3723	3928	4400
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	2	2	2
Main activity	3071	3269	3440	3395	3524	3942
Combustible fuels	3071	3269	3440	3393	3522	3940
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	2	2	2
Own use in electricity, CHP and heat plants	114	151	159	68	79	440
Net production	3309	3461	3633	3657	3851	3962
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	164	218	368	267	243	409
Consumption	3145	3243	3265	3390	3609	3553
Energy industries own use	361	372	351	326	401	398
By industry and construction	185	190	180	226	213	189
By transport	..	..	..	..	..	..
By households and other cons.	2599	2681	2734	2838	2995	2966
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*759	*768	*785	*803	*826	*826
Combustible fuels	*759	*768	*785	*802	*825	*825
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	*1	*1	*1
Main activity	*691	*700	*715	*731	*751	*751
Combustible fuels	*691	*700	*715	*730	*750	*750
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	*1	*1	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	344	387	387	430	430	430
Natural gas	53388	56153	54554	52528	55917	53434
<b>Total input</b>	53732	56540	54941	52958	56347	53864
<b>Total production</b>	12323	13003	13651	13403	14141	15840
<b>Estimated efficiency (% of production to input)</b>	23	23	25	25	25	29

**Statistics on electricity**
**Bulgaria**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	45037	42964	46653	50797	47329	43784
Combustible fuels	25873	23400	25001	29807	25518	22067
Hydro	3277	4053	5693	3691	3976	4795
Nuclear	15765	15256	15249	16314	15785	14171
Other	122	255	710	985	2050	2751
Main activity	44166	42760	46411	50650	47059	43516
Combustible fuels	25002	23211	24773	29683	25263	21815
Hydro	3277	4053	5693	3691	3976	4795
Nuclear	15765	15256	15249	16314	15785	14171
Other	122	240	696	962	2035	2735
Own use in electricity, CHP and heat plants	4342	4221	4435	4953	4470	3966
Net production	40695	38743	42218	45844	42859	39818
Imports	3097	2662	1167	1449	2353	3351
Exports	8441	7735	9613	12110	10661	9532
Losses	4669	4512	4480	4396	4231	3895
Consumption	30646	29094	29208	30762	30284	29741
Energy industries own use	1988	2247	2105	2341	2439	2209
By industry and construction	10441	8393	7818	8422	8267	8531
By transport	425	467	399	367	302	277
By households and other cons.	17792	17987	18886	19632	19276	18724
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	9637	9597	10027	10236	11637	11604
Combustible fuels	4647	4369	4574	4541	4912	4701
Hydro	2984	3001	3048	3108	3129	3202
Nuclear	1892	1892	1892	1892	1906	1982
Other	114	335	513	695	1690	1719
Main activity	9456	9553	9975	10190	11574	11539
Combustible fuels	4466	4325	4522	4495	4849	4636
Hydro	2984	3001	3048	3108	3129	3202
Nuclear	1892	1892	1892	1892	1906	1982
Other	114	335	513	695	1690	1719
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	90868	64165	64990	65532	44221	33024
Brown Coal	350700	341796	377468	493276	432292	362796
Lignite briquettes	37757	33141	27614	14469	17864	31568
Biogas	..	8	67	83	4	81
Gas-diesel oil	0	43	1677	301	172	129
Fuel oil	2707	5818	970	808	808	646
Refinery gas	990	990	644	248	743	743
Petroleum coke	0	1333	6110	3283	5395	6110
Natural gas	35284	31711	31882	35513	37004	36528
Fuelwood	89	26	91	316	549	757
Others	1691	0	..	..	..	..
<b>Total input</b>	520085	479029	511512	613828	539052	472381
<b>Total production</b>	93143	84240	90004	107305	91865	79441
<b>Estimated efficiency (% of production to input)</b>	18	18	18	17	17	17

**Statistics on electricity**
**Burkina Faso**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	619	700	565	530	626	*731
Combustible fuels	484	568	448	448	529	*625
Hydro	136	132	118	82	97	106
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	619	700	565	442	479	*533
Combustible fuels	484	568	448	360	382	*427
Hydro	136	132	118	82	97	106
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	25	28	45	50	50	*50
Net production	595	672	520	480	576	*681
Imports	136	145	385	495	515	532
Exports	..	..	..	..	..	..
Losses	95	102	113	*115	*136	*165
Consumption	635	714	*791	*860	*955	*1047
Energy industries own use	6	9	*10	*10	*10	*10
By industry and construction	132	149	*165	*180	*200	*219
By transport	10	10	*11	*12	*13	*15
By households and other cons.	487	546	*605	*658	*732	*803
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	252	251	238	261	298	*298
Combustible fuels	220	219	206	229	266	*266
Hydro	32	32	32	32	32	*32
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	252	251	238	200	237	*237
Combustible fuels	220	219	206	168	205	*205
Hydro	32	32	32	32	32	*32
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*4085	*4945	*3978	*3939	*4506	*5214
Fuel oil	*646	*566	*404	*404	*404	*404
<b>Total input</b>	*4731	*5511	*4382	*4343	*4910	*5618
<b>Total production</b>	1741	2043	1612	1613	1904	*2251
<b>Estimated efficiency (% of production to input)</b>	37	37	37	37	39	40

**Statistics on electricity**
**Burundi**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	114	121	142	141	142	159
Combustible fuels	*2	4	18	13	3	21
Hydro	112	117	124	128	139	138
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	114	121	142	141	142	159
Combustible fuels	*2	4	18	13	3	21
Hydro	112	117	124	128	139	138
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	8	8	8	8	8	8
Net production	106	113	134	133	134	151
Imports	*77	*92	95	*99	*99	*99
Exports	..	..	..	..	..	..
Losses	*32	*34	*40	0	0	0
Consumption	*151	*172	*200	*244	*238	*259
Energy industries own use	..	..	..	..	..	..
By industry and construction	*62	*70	*82	*100	*98	*106
By transport	..	..	..	..	..	..
By households and other cons.	*89	*102	*118	*144	*140	*153
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*33	*34	*39	*37	*35	*42
Combustible fuels	*1	*2	*7	*5	*1	*7
Hydro	*32	*32	*32	*32	*34	*35
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*33	*34	*39	*37	*35	*42
Combustible fuels	*1	*2	*7	*5	*1	*7
Hydro	*32	*32	*32	*32	*34	*35
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	*40	*61	*283	*202	*40	*242
<b>Total input</b>	*40	*61	*283	*202	*40	*242
<b>Total production</b>	*7	16	63	46	10	74
<b>Estimated efficiency (% of production to input)</b>	18	26	22	23	26	31



## Statistics on electricity

### Cabo Verde

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	287	296	347	362	371	391
Combustible fuels	281	291	343	337	302	308
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	5	4	25	69	83
Main activity	286	295	346	362	371	391
Combustible fuels	280	290	342	337	302	308
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	5	4	25	69	83
Own use in electricity, CHP and heat plants	12	12	12	12	11	5
Net production	275	284	335	349	360	386
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	77	77	84	89	97	102
Consumption	198	207	251	260	263	284
Energy industries own use	..	..	..	..	..	..
By industry and construction	22	22	20	18	19	11
By transport	..	..	..	..	..	..
By households and other cons.	176	185	231	242	244	273
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	90	86	102	108	155	141
Combustible fuels	87	84	93	100	123	108
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	2	9	9	32	32
Main activity	89	85	101	108	155	141
Combustible fuels	86	83	92	100	123	108
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	2	9	9	32	32
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	899	796	912	841	765	597
Fuel oil	1931	1939	2176	2243	2011	2157
<b>Total input</b>	2830	2735	3088	3084	2776	2754
<b>Total production</b>	1010	1049	1235	1214	1087	1107
<b>Estimated efficiency (% of production to input)</b>	36	38	40	39	39	40

## Statistics on electricity

### Cambodia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1479	1256	994	1053	1434	1778
Combustible fuels	1434	1217	965	1005	914	759
Hydro	43	37	26	45	517	1016
Nuclear	..	..	..	..	..	..
Other	2	2	3	3	3	3
Main activity	1479	1256	994	1053	1434	1778
Combustible fuels	1434	1217	965	1005	914	759
Hydro	43	37	26	45	517	1016
Nuclear	..	..	..	..	..	..
Other	2	2	3	3	3	3
Own use in electricity, CHP and heat plants	30	26	29	31	28	23
Net production	1449	1230	965	1022	1406	1755
Imports	276	725	1357	1644	1891	2050
Exports	..	..	..	..	..	..
Losses	164	178	286	296	262	499
Consumption	1562	1778	2038	2370	3035	3306
Energy industries own use	..	..	..	..	..	..
By industry and construction	278	323	379	430	551	600
By transport	..	..	..	..	..	..
By households and other cons.	1284	1455	1659	1940	2484	2706
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	386	373	362	571	584	1157
Combustible fuels	371	359	347	362	357	472
Hydro	13	13	13	207	225	683
Nuclear	..	..	..	..	..	..
Other	1	*1	*2	2	*2	*2
Main activity	386	373	362	571	584	1157
Combustible fuels	371	359	347	362	357	472
Hydro	13	13	13	207	225	683
Nuclear	..	..	..	..	..	..
Other	1	*1	*2	2	*2	*2
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	0	224	238	266	294	1344
Gas-diesel oil	1978	2236	2580	2623	2365	1591
Fuel oil	13453	10464	7272	7636	6868	4646
Vegetal waste	250	268	288	288	288	158
<b>Total input</b>	15681	13192	10378	10813	9815	7739
<b>Total production</b>	5162	4381	3474	3618	3290	2732
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	34	35

## Statistics on electricity

### Cameroon

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	5681	5783	5899	5943	6263	6849
Combustible fuels	1449	1767	1639	1546	1664	1994
Hydro	4232	4016	4260	4397	4599	4855
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4502	4451	4630	4749	4968	5242
Combustible fuels	270	435	370	352	369	387
Hydro	4232	4016	4260	4397	4599	4855
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	484	581	456	589	657	907
Net production	5197	5202	5443	5354	5606	5942
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	538	540	580	584	615	673
Consumption	4659	4662	4863	4770	4991	5269
Energy industries own use	..	..	..	..	..	..
By industry and construction	2712	2720	2781	2573	2692	2842
By transport	..	..	..	..	..	..
By households and other cons.	1947	1942	2082	2197	2299	2427
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	937	1022	1007	1022	*1022	*1049
Combustible fuels	*218	*303	*288	*303	*303	*330
Hydro	719	719	719	719	*719	*719
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	789	789	789	789	*789	*789
Combustible fuels	*70	*70	*70	*70	*70	*70
Hydro	719	719	719	719	*719	*719
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	7138	10148	11137	11352	11868	12513
Fuel oil	1535	2141	2303	2384	2505	2626
Natural gas	5358	4427	4466	3190	3828	6593
Fuelwood	*722	*669	*554	*577	*603	*637
<b>Total input</b>	14753	17385	18460	17503	18804	22369
<b>Total production</b>	5216	6361	5900	5566	5990	7178
<b>Estimated efficiency (% of production to input)</b>	35	37	32	32	32	32

**Statistics on electricity**
**Canada**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	632112	609222	599082	633070	633187	651919
Combustible fuels	154693	143692	148094	153211	146329	145296
Hydro	377561	368762	351461	375797	380340	391861
Nuclear	96020	90092	90658	93589	94862	102789
Other	3838	6676	8869	10473	11656	11973
Main activity	579592	556885	549174	576673	577031	594675
Combustible fuels	135255	123103	125395	127330	122211	119316
Hydro	344480	337016	324254	345282	348306	360615
Nuclear	96020	90092	90658	93589	94862	102789
Other	3837	6674	8867	10472	11652	11955
Own use in electricity, CHP and heat plants	19324	18210	18387	19145	18824	19325
Net production	612788	591012	580695	613925	614363	632594
Imports	23864	18163	18686	14962	10887	17111
Exports	56022	51782	44389	51517	57865	67114
Losses	52739	53096	51687	56000	53724	56326
Consumption	549552	503629	506161	516228	524316	514641
Energy industries own use	28139	27765	27524	28224	28598	29450
By industry and construction	192760	172676	175413	174897	172005	180504
By transport	4000	3855	3770	3852	4342	4705
By households and other cons.	324653	299333	299454	309255	319371	299982
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	127234	131679	132375	132959	132598	132598
Combustible fuels	37093	40930	40424	38939	34660	34660
Hydro	74407	74687	75078	75573	75537	75537
Nuclear	13345	12665	12665	12665	13370	13370
Other	2389	3397	4208	5782	9031	9031
Main activity	116933	121262	121810	122465	122052	122052
Combustible fuels	31856	35576	34946	33532	29253	29253
Hydro	69343	69624	69991	70486	70398	70398
Nuclear	13345	12665	12665	12665	13370	13370
Other	2389	3397	4208	5782	9031	9031
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	197551	149537	152813	113262	104129	97937
Brown Coal	603064	523810	529508	513282	461230	477848
Biogas	6504	6504	8122	8128	8050	8050
Gas-diesel oil	9632	9804	9847	9245	10234	9374
Fuel oil	55752	51308	30138	22180	20079	18059
Refinery gas	8613	13217	13464	13464	13514	12623
Petroleum coke	29835	36108	32988	30323	30095	38285
Natural gas	457133	444966	527270	601145	624612	612332
Fuelwood	59578	65309	76257	77938	41700	41700
Municipal waste	2638	2638	2638	2638	2874	2874
Others	1839	1373	1019	1152	1595	1196
<b>Total input</b>	1432139	1304573	1384064	1392756	1318111	1320277
<b>Total production</b>	556895	517291	533138	551560	526784	523066
<b>Estimated efficiency (% of production to input)</b>	39	40	39	40	40	40

Statistics on electricity

Cayman Islands

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	615	626	624	626	607	616
Combustible fuels	615	626	624	626	607	616
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	615	626	624	626	607	616
Combustible fuels	615	626	624	626	607	616
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	615	626	624	626	607	616
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	49	49	53	53	39	41
Consumption	566	576	571	573	568	574
Energy industries own use	..	..	..	..	..	..
By industry and construction	300	299	295	299	297	298
By transport	..	..	..	..	..	..
By households and other cons.	266	277	276	274	271	277
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	137	153	151	151	150	150
Combustible fuels	137	153	151	151	150	150
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	137	153	151	151	150	150
Combustible fuels	137	153	151	151	150	150
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	5418	5289	5461	5547	5160	5074
<b>Total input</b>	5418	5289	5461	5547	5160	5074
<b>Total production</b>	2214	2254	2246	2254	2185	2216
<b>Estimated efficiency (% of production to input)</b>	41	43	41	41	42	44

**Statistics on electricity**
**Central African Rep.**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*161	160	*160	*174	*177	*181
Combustible fuels	*24	*24	*25	*27	*27	*26
Hydro	*137	136	*135	*147	*150	*155
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*161	160	*160	*174	*177	*181
Combustible fuels	*24	*24	*25	*27	*27	*26
Hydro	*137	136	*135	*147	*150	*155
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*1	*2	*2	*9	*9	*11
Net production	*160	158	*158	*165	*168	*170
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*3	*3	*9	*9	*9	*10
Consumption	*149	*148	*149	*156	*159	*161
Energy industries own use	..	..	..	..	..	..
By industry and construction	*44	*44	*44	*49	*50	*51
By transport	..	..	..	..	..	..
By households and other cons.	*105	*104	*105	*107	*109	*110
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*44	*44	*44	*44	*44	*44
Combustible fuels	*19	*19	*19	*19	*19	*19
Hydro	*25	*25	*25	*25	*25	*25
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*44	*44	*44	*44	*44	*44
Combustible fuels	*19	*19	*19	*19	*19	*19
Hydro	*25	*25	*25	*25	*25	*25
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*310	*310	*323	*344	*344	*357
<b>Total input</b>	*310	*310	*323	*344	*344	*357
<b>Total production</b>	*86	*86	*90	*97	*97	*94
<b>Estimated efficiency (% of production to input)</b>	28	28	28	28	28	26

**Statistics on electricity**
**Chad**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	150	183	200	*218	205	*205
Combustible fuels	150	183	200	*218	205	*205
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	150	183	200	*218	205	*205
Combustible fuels	150	183	200	*218	205	*205
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	13	16	18	*18	19	*19
Net production	137	167	182	*200	186	*186
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*137	*167	*182	*200	*186	*186
Energy industries own use	..	..	..	..	..	..
By industry and construction	*48	*59	*64	*71	*66	*66
By transport	..	..	..	..	..	..
By households and other cons.	*89	*108	*118	*130	*120	*120
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*41	*41	*41	*41	*41	*41
Combustible fuels	*41	*41	*41	*41	*41	*41
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*41	*41	*41	*41	*41	*41
Combustible fuels	*41	*41	*41	*41	*41	*41
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1660	*2025	*2215	*2408	*2408	*2408
<b>Total input</b>	*1660	*2025	*2215	*2408	*2408	*2408
<b>Total production</b>	540	659	720	*785	738	*738
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	31	31

**Statistics on electricity**
**Chile**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	59704	60722	60434	65713	69751	73065
Combustible fuels	35473	35250	38273	44366	49184	52602
Hydro	24193	25296	21717	21009	20158	19737
Nuclear	..	..	..	..	..	..
Other	38	176	444	338	409	726
Main activity	55620	55186	56760	60286	63973	66643
Combustible fuels	31810	30308	35047	39001	43607	46374
Hydro	23772	24799	21381	20953	19979	19562
Nuclear	..	..	..	..	..	..
Other	38	79	332	332	387	707
Own use in electricity, CHP and heat plants	1623	1993	2100	2524	3911	3321
Net production	58081	58729	58334	63189	65840	69744
Imports	1154	1348	958	732	0	0
Exports	..	..	..	..	..	..
Losses	5081	6404	4967	4687	3499	4890
Consumption	54153	54533	55290	58492	62921	66040
Energy industries own use	645	499	552	560	702	864
By industry and construction	36509	36589	35853	38432	42154	42634
By transport	426	422	432	478	474	511
By households and other cons.	16573	17023	18453	19022	19591	22031
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	14019	15731	16231	17549	18153	19707
Combustible fuels	8566	10091	10576	11419	11957	13222
Hydro	5433	5452	5467	5946	5992	6094
Nuclear	..	..	..	..	..	..
Other	20	188	188	184	204	391
Main activity	12835	14420	14931	16358	17116	18412
Combustible fuels	7470	8893	9385	10244	10974	12105
Hydro	5345	5364	5383	5932	5950	6012
Nuclear	..	..	..	..	..	..
Other	20	163	163	182	192	295
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	154078	150904	191513	220925	257794	302428
Biogas	..	..	..	..	..	340
Gas-diesel oil	103372	80582	52374	40463	50654	26230
Fuel oil	11918	9373	8282	4969	8888	7474
Liquefied petroleum gas	..	520	..	..	..	..
Refinery gas	1683	1287	1287	396	495	2624
Petroleum coke	13195	11440	11343	14365	16088	14203
Natural gas	21839	35190	81548	112011	112082	96694
Fuelwood	40819	49845	34469	45043	173980	195856
<b>Total input</b>	346904	339141	380816	438173	619980	645848
<b>Total production</b>	127703	126900	137783	159718	177062	189367
<b>Estimated efficiency (% of production to input)</b>	37	37	36	36	29	29



**Statistics on electricity**
**China**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	3456738	3714650	4207160	4713019	4987553	5431637
Combustible fuels	2790078	2982780	3331928	3833702	3892814	4247009
Hydro	585187	615640	722172	698945	872107	920291
Nuclear	68394	70134	73880	86350	97394	111613
Other	13079	46096	79180	94022	125238	152724
Main activity	3172334	3472747	3936941	4402106	4671846	5087205
Combustible fuels	2505674	2740877	3061709	3522789	3577107	3902577
Hydro	585187	615640	722172	698945	872107	920291
Nuclear	68394	70134	73880	86350	97394	111613
Other	13079	46096	79180	94022	125238	152724
Own use in electricity, CHP and heat plants	213788	282176	311927	381142	367045	404279
Net production	3242950	3432474	3895233	4331877	4620508	5027358
Imports	3842	6006	5545	6562	6874	7438
Exports	16644	17386	19059	19307	17653	18669
Losses	213788	225822	256824	270070	289616	314071
Consumption	*3240347	3195217	3624698	4048876	4319603	4701991
Energy industries own use	143724	156977	174778	189065	197977	217886
By industry and construction	*2218085	2062664	2391972	2686060	2829423	3054959
By transport	57182	61701	73453	84842	91537	100092
By households and other cons.	821356	913875	984495	1088909	1200666	1329054
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	862691	934600	1032150	1136211	1222952	1341049
Combustible fuels	665645	705530	768829	834799	888257	945120
Hydro	179580	202340	222633	240364	257090	288777
Nuclear	9078	9078	10820	12570	12570	14660
Other	8388	17652	29868	48478	65035	92492
Main activity	792928	874096	966418	1062368	1146755	1257682
Combustible fuels	602858	651076	709670	768340	819680	870090
Hydro	172604	196290	216060	232980	249470	280440
Nuclear	9078	9078	10820	12570	12570	14660
Other	8388	17652	29868	48478	65035	92492
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	34920739	37143563	39665570	45299261	47350998	50355769
Fuel oil	140390	77972	131381	98818	93094	86630
Refinery gas	17672	25097	123651	103336	102366	93035
Petroleum coke	..	..	35578	39540	42455	34983
Natural gas	304327	500366	797850	947506	981657	1061128
Gasworks gas	..	..	36686	72887	76274	82138
Coke-oven gas	160550	159094	189789	213395	238945	274931
Blast furnace gas	..	..	298322	350393	362066	468351
Municipal waste	..	..	111031	127686	153223	189996
Industrial waste	..	..	130509	155076	157922	177157
Others	83402	68026	71762	54795	30823	33974
<b>Total input</b>	35627079	37974117	41592128	47462694	49589823	52858093
<b>Total production</b>	10044281	10738008	11994942	13801327	14014130	15289234
<b>Estimated efficiency (% of production to input)</b>	28	28	29	29	28	29

Statistics on electricity

China, Hong Kong SAR

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	37990	38728	38292	39026	38752	39063
Combustible fuels	37990	38728	38292	39026	38752	39063
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	37990	38728	38292	39026	38752	39063
Combustible fuels	37990	38728	38292	39026	38752	39063
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	37990	38728	38292	39026	38752	39063
Imports	10801	10963	10511	10735	11156	9969
Exports	3552	3731	2609	2957	1838	1650
Losses	4309	4469	4331	4739	5039	4826
Consumption	40930	41491	41863	42065	43031	42556
Energy industries own use	..	..	..	..	..	..
By industry and construction	3384	3095	3078	3084	3134	3108
By transport	..	..	..	..	..	..
By households and other cons.	37546	38396	38785	38981	39897	39448
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	12624	12624	12624	12624	12625	12625
Combustible fuels	12624	12624	12624	12624	12625	12625
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	12624	12624	12624	12624	12625	12625
Combustible fuels	12624	12624	12624	12624	12625	12625
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	280575	293036	254981	303253	298532	318243
Gas-diesel oil	258	731	602	559	4085	731
Fuel oil	1212	1131	929	970	3798	1212
Natural gas	77503	87636	114576	89083	82075	79589
<b>Total input</b>	359548	382535	371089	393865	388489	399775
<b>Total production</b>	136764	139421	137851	140494	139507	140627
<b>Estimated efficiency (% of production to input)</b>	38	36	37	36	36	35

**Statistics on electricity**
**China, Macao SAR**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1211	1466	1077	886	561	413
Combustible fuels	1211	1466	1077	886	561	413
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1104	1350	944	733	392	227
Combustible fuels	1104	1350	944	733	392	227
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	59	61	48	52	44	35
Net production	1152	1405	1029	834	517	378
Imports	2311	2227	2786	3165	3855	4059
Exports	..	..	..	..	..	..
Losses	151	169	160	142	167	146
Consumption	3312	3463	3656	3858	4205	4290
Energy industries own use	3	3	3	3	2	2
By industry and construction	738	337	214	203	213	221
By transport	..	..	..	..	..	..
By households and other cons.	2571	3123	3439	3652	3990	4067
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	497	497	497	497	497	497
Combustible fuels	497	497	497	497	497	497
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	472	472	472	472	472	472
Combustible fuels	472	472	472	472	472	472
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	172	43	0	0	0	0
Fuel oil	5777	7474	2464	3394	2909	1778
Natural gas	3212	3635	6036	2888	0	*1300
Municipal waste	*1541	*1670	*1915	*1541	*1627	*1842
<b>Total input</b>	10702	12822	10415	7822	4536	*4920
<b>Total production</b>	4360	5278	3877	3190	2020	1487
<b>Estimated efficiency (% of production to input)</b>	41	41	37	41	45	30

**Statistics on electricity**
**Colombia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	61192	62574	60234	66983	68742	71419
Combustible fuels	14900	21530	19669	17515	20690	26423
Hydro	46292	40986	40527	49427	47997	44938
Nuclear	..	..	..	..	..	..
Other	0	58	38	41	55	58
Main activity	58153	59357	56794	62882	64555	67394
Combustible fuels	12103	18526	16452	14080	17032	23080
Hydro	46050	40773	40304	48761	47468	44256
Nuclear	..	..	..	..	..	..
Other	0	58	38	41	55	58
Own use in electricity, CHP and heat plants	10336	8035	8487	7996	7864	5560
Net production	50856	54539	51747	58987	60878	65859
Imports	37	21	10	8	7	5
Exports	610	1074	796	1540	713	1374
Losses	11173	8387	9115	7412	7700	6660
Consumption	49903	53425	54701	57845	59285	67260
Energy industries own use	..	..	..	..	..	..
By industry and construction	19501	20206	20436	22833	22626	25434
By transport	58	60	62	63	65	75
By households and other cons.	30344	33159	34203	34949	36594	41751
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	13750	13780	14518	14780	14769	14913
Combustible fuels	4669	4689	5147	4897	4824	4867
Hydro	9040	9040	9300	9810	9870	9967
Nuclear	..	..	..	..	..	..
Other	41	51	71	73	75	79
Main activity	13478	13508	14246	14427	14413	14557
Combustible fuels	4440	4460	4918	4636	4560	4603
Hydro	8997	8997	9257	9718	9778	9875
Nuclear	..	..	..	..	..	..
Other	41	51	71	73	75	79
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	30256	30294	31166	32320	31135	32508
Crude oil	550	..	..	..	..	..
Gas-diesel oil	387	2623	3999	43	1763	1849
Fuel oil	808	1212	2182	1616	2384	3515
Natural gas	59919	63300	66709	65236	69631	71266
Coke-oven gas	1101	842	664	590	590	486
Blast furnace gas	1260	842	*664	501	590	525
Bagasse	14865	15406	25251	27854	30672	31568
Vegetal waste	804	958	716	609	661	572
<b>Total input</b>	109950	115477	131351	128768	137425	142289
<b>Total production</b>	53640	77508	70808	63054	74484	95123
<b>Estimated efficiency (% of production to input)</b>	49	67	54	49	54	67

## Statistics on electricity

### Comoros

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*45	*43	*43	*43	*43	*43
Combustible fuels	*40	*38	*38	*38	*38	*38
Hydro	*5	*5	*5	*5	*5	*5
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*45	*43	*43	*43	*43	*43
Combustible fuels	*40	*38	*38	*38	*38	*38
Hydro	*5	*5	*5	*5	*5	*5
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*2	*2	*2	*2	*2	*2
Net production	*43	*41	*41	*41	*41	*41
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*43	*41	*41	*41	*41	*41
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*43	*41	*41	*41	*41	*41
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*22	*22	*22	*22	*22	*22
Combustible fuels	*21	*21	*21	*21	*21	*21
Hydro	*1	*1	*1	*1	*1	*1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*22	*22	*22	*22	*22	*22
Combustible fuels	*21	*21	*21	*21	*21	*21
Hydro	*1	*1	*1	*1	*1	*1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*430	*430	*430	*430	*430	*468
<b>Total input</b>	*430	*430	*430	*430	*430	*468
<b>Total production</b>	*144	*137	*137	*137	*137	*137
<b>Estimated efficiency (% of production to input)</b>	33	32	32	32	32	29

**Statistics on electricity**
**Congo**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	461	531	782	1293	1709	1768
Combustible fuels	86	201	352	502	722	747
Hydro	375	330	430	791	987	1021
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	375	345	439	800	996	1030
Combustible fuels	0	15	9	9	9	9
Hydro	375	330	430	791	987	1021
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	111	87	86	145	192	199
Net production	350	444	696	1148	1517	1569
Imports	436	440	281	27	25	43
Exports	..	..	0	27	25	0
Losses	354	379	466	671	757	783
Consumption	433	481	500	606	801	829
Energy industries own use	..	..	..	..	..	..
By industry and construction	213	237	246	283	394	387
By transport	..	..	..	..	..	..
By households and other cons.	220	244	254	323	407	442
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	238	*238	*269	*400	*400	*400
Combustible fuels	*119	*119	*150	*180	*180	*180
Hydro	119	*119	*119	*220	*220	*220
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	148	*148	*179	*310	*310	*310
Combustible fuels	29	*29	*60	*90	*90	*90
Hydro	119	*119	*119	*220	*220	*220
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*215	215	129	129	129	129
Fuel oil	..	121	40	0	0	0
Natural gas	987	2125	3923	5734	8293	8584
<b>Total input</b>	1202	2461	4092	5863	8422	8713
<b>Total production</b>	310	724	1267	1807	2599	2689
<b>Estimated efficiency (% of production to input)</b>	26	29	31	31	31	31

## Statistics on electricity

### Cook Islands

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	34	33	34	34	33	33
Combustible fuels	34	33	34	34	33	33
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	34	33	34	34	33	33
Combustible fuels	34	33	34	34	33	33
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	34	33	34	34	33	33
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	34	33	34	34	33	33
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	34	33	34	34	33	33
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	8	*8	*8	*8	*8	*8
Combustible fuels	8	*8	*8	*8	*8	*8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	8	*8	*8	*8	*8	*8
Combustible fuels	8	*8	*8	*8	*8	*8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*387	*387	*387	*387	*387	*387
<b>Total input</b>	*387	*387	*387	*387	*387	*387
<b>Total production</b>	121	118	121	121	118	117
<b>Estimated efficiency (% of production to input)</b>	31	30	31	31	31	30

**Statistics on electricity**
**Costa Rica**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	9474	9311	9583	9831	10174	12243
Combustible fuels	758	575	786	1002	1009	1379
Hydro	7386	7224	7262	7135	7233	8208
Nuclear	..	..	..	..	..	..
Other	1329	1512	1535	1694	1932	2656
Main activity	7681	7441	7542	7837	7988	10052
Combustible fuels	677	451	641	863	830	1196
Hydro	6040	5936	5872	5831	5877	6851
Nuclear	..	..	..	..	..	..
Other	964	1054	1028	1143	1281	2005
Own use in electricity, CHP and heat plants	91	68	101	91	109	2117
Net production	9383	9244	9483	9741	10066	10126
Imports	96	151	165	283	419	531
Exports	166	134	136	320	402	484
Losses	973	986	970	1060	1083	1083
Consumption	8408	8313	8565	8673	9019	9103
Energy industries own use	..	..	..	..	..	..
By industry and construction	1912	1753	1828	1818	1893	1898
By transport	..	..	..	..	..	..
By households and other cons.	6496	6560	6736	6855	7126	7205
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2414	2413	2794	2889	2724	2753
Combustible fuels	605	615	911	862	656	656
Hydro	1568	1532	1596	1682	1700	1729
Nuclear	..	..	..	..	..	..
Other	241	266	287	345	368	368
Main activity	2122	2102	2438	2521	2354	2360
Combustible fuels	581	595	882	834	635	613
Hydro	1373	1337	1386	1472	1490	1519
Nuclear	..	..	..	..	..	..
Other	168	170	170	215	229	229
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Biogas	..	..	..	..	..	1
Gas-diesel oil	7261	4327	6100	3575	850	2666
Fuel oil	899	702	1113	4740	5655	8120
Bagasse	424	802	936	883	1196	1196
Vegetal waste	91	108	107	109	118	118
<b>Total input</b>	8676	5939	8256	9307	7819	12101
<b>Total production</b>	2731	2068	2830	3608	3632	4964
<b>Estimated efficiency (% of production to input)</b>	31	35	34	39	46	41



**Statistics on electricity**
**Côte d'Ivoire**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	5800	5871	5965	6099	7016	7567
Combustible fuels	3902	3740	4347	4325	5227	5840
Hydro	1898	2131	1618	1774	1789	1727
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	5677	5797	5884	6034	6948	7497
Combustible fuels	3779	3666	4266	4260	5159	5770
Hydro	1898	2131	1618	1774	1789	1727
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	290	294	298	305	351	378
Net production	5510	5577	5667	5794	6665	7189
Imports	..	..	145	22	54	59
Exports	599	484	491	615	645	696
Losses	1365	1365	1204	1365	1366	1473
Consumption	3546	3728	4117	3836	4708	5079
Energy industries own use	..	..	..	..	..	..
By industry and construction	980	967	1068	1312	1312	1416
By transport	..	..	..	..	..	..
By households and other cons.	2566	2761	3049	2524	3396	3663
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*1541	*1541	*1571	*1621	*1721	*1832
Combustible fuels	*643	*643	*673	*723	*823	*934
Hydro	*898	*898	*898	*898	*898	*898
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*1518	*1518	*1548	*1598	*1698	*1809
Combustible fuels	*620	*620	*650	*700	*800	*911
Hydro	*898	*898	*898	*898	*898	*898
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	86	86	86	86	129	129
Fuel oil	40	40	970	323	5090	5535
Natural gas	51646	45515	53123	52420	60590	67935
Vegetal waste	1705	1537	1471	1364	1401	1435
<b>Total input</b>	53477	47178	55650	54193	67210	75034
<b>Total production</b>	14047	13464	15649	15570	18817	21024
<b>Estimated efficiency (% of production to input)</b>	26	29	28	29	28	28

## Statistics on electricity

### Croatia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	12326	12776	14105	10831	10557	13431
Combustible fuels	6960	5907	5531	6010	5425	4797
Hydro	5326	6815	8435	4620	4801	8106
Nuclear	..	..	..	..	..	..
Other	40	54	139	201	331	528
Main activity	11861	12371	13650	10315	10169	13099
Combustible fuels	6500	5507	5084	5498	5042	4470
Hydro	5321	6810	8427	4616	4796	8101
Nuclear	..	..	..	..	..	..
Other	40	54	139	201	331	528
Own use in electricity, CHP and heat plants	516	422	470	422	359	392
Net production	11810	12354	13635	10409	10198	13039
Imports	12254	11892	12415	13985	13174	11260
Exports	5677	6210	7650	6288	5545	6770
Losses	1706	2019	2022	1831	1887	1944
Consumption	16681	16017	16378	16275	15940	15585
Energy industries own use	544	506	516	540	590	513
By industry and construction	3792	3392	3478	3349	3039	3148
By transport	276	267	267	261	249	238
By households and other cons.	12069	11852	12117	12125	12062	11686
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	3908	3976	4010	4015	4222	4312
Combustible fuels	1816	1876	1781	1787	1897	1849
Hydro	2075	2083	2113	2110	2141	2190
Nuclear	..	..	..	..	..	..
Other	17	17	116	118	184	273
Main activity	3693	3762	3796	3801	4021	4155
Combustible fuels	1605	1666	1571	1577	1698	1694
Hydro	2071	2079	2109	2106	2139	2188
Nuclear	..	..	..	..	..	..
Other	17	17	116	118	184	273
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	23865	16512	23633	24691	22085	24071
Brown Coal	28	14	140	140	98	112
Biogas	222	195	260	276	437	655
Gas-diesel oil	43	86	43	43	86	43
Fuel oil	19513	20240	5898	7393	5414	2222
Liquefied petroleum gas	0	0	0	0	47	0
Refinery gas	0	0	50	50	149	99
Petroleum coke	0	0	0	33	0	0
Natural gas	29082	25603	28028	28364	28239	24563
Fuelwood	22	29	24	833	1046	1146
<b>Total input</b>	<b>72775</b>	<b>62679</b>	<b>58076</b>	<b>61822</b>	<b>57600</b>	<b>52911</b>
<b>Total production</b>	<b>25056</b>	<b>21265</b>	<b>19912</b>	<b>21636</b>	<b>19530</b>	<b>17269</b>
<b>Estimated efficiency (% of production to input)</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>35</b>	<b>34</b>	<b>33</b>

**Statistics on electricity**
**Cuba**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	17681	17727	17387	17759	18432	19140
Combustible fuels	17543	17576	17290	17660	18321	19012
Hydro	138	151	97	99	111	127
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	16780	16859	16584	16944	17596	18263
Combustible fuels	16642	16708	16487	16845	17485	18135
Hydro	138	151	97	99	111	127
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	897	886	903	947	982	1018
Net production	16784	16841	16484	16812	17450	18121
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2808	2749	2788	2787	2919	2943
Consumption	16783	16817	17109	17760	18432	18135
Energy industries own use	..	..	..	..	..	..
By industry and construction	3657	3703	3782	4781	4900	4898
By transport	279	264	251	254	258	296
By households and other cons.	12847	12850	13076	12725	13274	12941
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	5397	5551	5853	5914	5699	6055
Combustible fuels	5337	5493	5790	5849	5637	5992
Hydro	60	58	63	65	62	63
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4850	5004	5304	5370	5180	5585
Combustible fuels	4790	4946	5241	5305	5118	5522
Hydro	60	58	63	65	62	63
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Crude oil	*95006	*111799	*110022	*108034	*102197	*120851
Gas-diesel oil	*17974	*25241	*19823	*19307	*18748	*19780
Fuel oil	*24200	*24200	*73932	*73932	*84961	*87224
Natural gas	*15856	*15774	*14654	*13930	*14135	*14559
Bagasse	*27329	*28286	*23274	*29691	*28896	*28000
<b>Total input</b>	*180364	*205300	*241706	*244895	*248937	*270414
<b>Total production</b>	63155	63274	62244	63576	65956	68444
<b>Estimated efficiency (% of production to input)</b>	35	31	26	26	26	25

## Statistics on electricity

### Curaçao

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	..	..	..	..	933	917
Combustible fuels	..	..	..	..	933	917
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	..	..	..	..	439	431
Combustible fuels	..	..	..	..	439	431
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	..	..	..	..	87	86
Net production	..	..	..	..	846	831
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	149	147
Consumption	..	..	..	..	697	684
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	383	376
By transport	..	..	..	..	..	..
By households and other cons.	..	..	..	..	314	308
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	..	..	..	..	*235	*235
Combustible fuels	..	..	..	..	*235	*235
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	..	..	..	..	*102	*102
Combustible fuels	..	..	..	..	*102	*102
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	..	..	..	..	8646	8484
<b>Total input</b>	..	..	..	..	8646	8484
<b>Total production</b>	..	..	..	..	3359	3301
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	39	39

## Statistics on electricity

### Cyprus

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	5079	5215	5322	4929	4717	4290
Combustible fuels	5076	5211	5284	4803	4510	4012
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	4	38	126	207	278
Main activity	4998	5138	5246	4861	4657	4230
Combustible fuels	4996	5135	5210	4737	4452	3954
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	3	36	124	205	276
Own use in electricity, CHP and heat plants	273	266	222	231	174	171
Net production	4806	4949	5100	4698	4543	4119
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	153	189	220	160	137	186
Consumption	4641	4758	4889	4729	4417	3935
Energy industries own use	7	7	7	8	8	14
By industry and construction	635	591	579	529	485	462
By transport	..	..	..	..	..	..
By households and other cons.	3999	4160	4303	4192	3924	3459
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1206	1426	1561	1736	1726	1820
Combustible fuels	1203	1421	1471	1591	1561	1637
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	5	90	145	165	183
Main activity	1170	1393	1528	1699	1689	1783
Combustible fuels	1168	1389	1439	1555	1525	1601
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	4	89	144	164	182
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Biogas	78	144	169	272	283	289
Gas-diesel oil	989	3956	6794	4902	9288	10234
Fuel oil	49854	47510	42945	42905	36279	26381
<b>Total input</b>	50921	51610	49908	48079	45850	36904
<b>Total production</b>	18274	18760	19022	17291	16236	14443
<b>Estimated efficiency (% of production to input)</b>	36	36	38	36	35	39

## Statistics on electricity

### Czech Republic

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	83518	82250	85910	87561	87573	87065
Combustible fuels	54332	51683	53581	54035	51824	50167
Hydro	2376	2982	3380	2664	2860	3639
Nuclear	26551	27208	27998	28283	30324	30745
Other	259	377	951	2579	2565	2514
Main activity	73958	73344	76596	79432	79588	78847
Combustible fuels	45329	43347	44953	46409	44362	42570
Hydro	1820	2412	2694	2161	2337	3018
Nuclear	26551	27208	27998	28283	30324	30745
Other	258	377	951	2579	2565	2514
Own use in electricity, CHP and heat plants	6433	6260	6446	6533	6485	6207
Net production	77085	75990	79464	81028	81088	80858
Imports	8520	8586	6642	10457	11587	10571
Exports	19989	22230	21590	27501	28707	27458
Losses	4662	4487	4466	4405	4187	4098
Consumption	60947	57852	60042	59570	59773	59865
Energy industries own use	2914	2946	2838	2819	3119	3174
By industry and construction	24346	21821	22592	23216	22698	22999
By transport	2133	2045	2180	2226	2217	2003
By households and other cons.	31554	31040	32432	31309	31739	31689
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	17571	18326	19829	20181	20447	21079
Combustible fuels	11445	11654	11793	11888	11915	12211
Hydro	2176	2184	2196	2197	2212	2252
Nuclear	3760	3830	3900	3970	4040	4290
Other	190	658	1940	2126	2280	2326
Main activity	15423	16137	17968	18294	18554	19178
Combustible fuels	9450	9626	10105	10175	10205	10498
Hydro	2023	2023	2023	2023	2029	2064
Nuclear	3760	3830	3900	3970	4040	4290
Other	190	658	1940	2126	2280	2326
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	90403	89990	98762	94815	82818	86146
Brown Coal	559734	522956	534156	544684	521220	481544
Biogas	2521	3862	5055	7510	11552	18284
Fuel oil	3151	4000	3272	2505	2020	808
Natural gas	17722	18651	18829	21673	21705	21510
Gasworks gas	15963	16642	18152	17741	16801	16269
Coke-oven gas	5665	4865	5190	6711	6278	6371
Blast furnace gas	9197	6034	8883	7891	7130	8585
Fuelwood	*10905	*13382	*15457	*17370	*19150	*13075
Municipal waste	1577	1325	1777	4141	4410	4201
Others	1134	867	907	816	851	937
<b>Total input</b>	717972	682574	710441	725857	693935	657730
<b>Total production</b>	195595	186059	192892	194526	186566	180601
<b>Estimated efficiency (% of production to input)</b>	27	27	27	27	27	27

**Statistics on electricity**
**Dem. Rep. of the Congo**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	7523	7829	7881	7875	7956	8627
Combustible fuels	46	35	35	35	35	35
Hydro	7477	7794	7846	7840	7921	8592
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	7228	7526	7559	7533	7592	8235
Combustible fuels	17	6	6	6	6	6
Hydro	7211	7520	7553	7527	7586	8229
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	14	15	494	493	257	279
Net production	7509	7814	7387	7382	7699	8348
Imports	83	105	161	44	0	0
Exports	674	887	916	171	0	0
Losses	818	378	369	537	593	643
Consumption	6100	6654	6263	6718	7106	7705
Energy industries own use	..	..	..	..	..	..
By industry and construction	3867	4218	3970	4258	4636	5026
By transport	..	..	..	..	..	..
By households and other cons.	2233	2436	2293	2460	2470	2679
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2476	*2476	*2506	*2506	*2506	*2506
Combustible fuels	34	*34	*34	*34	*34	*34
Hydro	2442	*2442	*2472	*2472	*2472	*2472
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1899	*1899	*1929	*1929	*1929	*1929
Combustible fuels	30	*30	*30	*30	*30	*30
Hydro	1869	*1869	*1899	*1899	*1899	*1899
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	172	86	86	86	86	86
Natural gas	331	331	331	331	331	331
<b>Total input</b>	503	417	417	417	417	417
<b>Total production</b>	166	126	126	126	126	126
<b>Estimated efficiency (% of production to input)</b>	33	30	30	30	30	30

## Statistics on electricity

### Denmark

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	36616	36383	38862	35229	30725	34749
Combustible fuels	29659	29639	31026	25423	20334	23095
Hydro	26	19	21	17	17	13
Nuclear	..	..	..	..	..	..
Other	6931	6725	7815	9789	10374	11641
Main activity	34319	34282	36578	33068	28679	32316
Combustible fuels	27365	27542	28748	23277	18392	21180
Hydro	26	19	21	17	17	13
Nuclear	..	..	..	..	..	..
Other	6928	6721	7809	9774	10270	11123
Own use in electricity, CHP and heat plants	1764	1921	1989	1678	1488	1604
Net production	34852	34462	36873	33551	29237	33145
Imports	12815	11208	10599	11694	15920	11459
Exports	11360	10874	11734	10374	10706	10377
Losses	2175	2365	2624	2201	2185	1919
Consumption	34112	32410	33329	32859	32335	32400
Energy industries own use	995	964	960	931	931	919
By industry and construction	9636	8454	8624	8731	8590	8395
By transport	378	395	404	397	385	386
By households and other cons.	23103	22597	23341	22800	22429	22700
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	13002	13393	13438	13587	14075	13547
Combustible fuels	9827	9897	9620	9609	9501	8157
Hydro	9	9	9	9	9	9
Nuclear	..	..	..	..	..	..
Other	3166	3487	3809	3969	4565	5381
Main activity	12343	12741	12795	12938	13043	12400
Combustible fuels	9171	9250	8984	8977	8871	7581
Hydro	9	9	9	9	9	9
Nuclear	..	..	..	..	..	..
Other	3163	3482	3802	3952	4163	4810
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	172370	171106	166591	137643	108412	137050
Biogas	2772	3266	3414	3269	3494	3731
Gas-diesel oil	1290	2666	1591	1290	1118	946
Fuel oil	8686	9090	6060	2626	2141	2384
Liquefied petroleum gas	..	..	47	47	47	47
Refinery gas	1386	1436	1535	1188	1337	1337
Natural gas	76367	70767	84297	62624	47349	39409
Fuelwood	*20509	*23917	*40152	*38156	*40970	*42200
Vegetal waste	0	0	0	0	0	0
Municipal waste	34053	33880	32654	32728	32282	32301
Others	0	0	0	0	0	0
<b>Total input</b>	317433	316127	336340	279571	237150	259404
<b>Total production</b>	106772	106700	111694	91523	73202	83142
<b>Estimated efficiency (% of production to input)</b>	34	34	33	33	31	32



## Statistics on electricity

### Djibouti

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	339	349	*379	*387	393	402
Combustible fuels	339	349	*379	*387	393	402
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	339	349	*379	*387	393	402
Combustible fuels	339	349	*379	*387	393	402
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	13	6	*6	*7	6	6
Net production	326	343	*373	*381	387	396
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	56	75	84	90	*90	*90
Consumption	*270	*267	*289	*290	*297	*306
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*270	*267	*289	*290	*297	*306
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	130	130	130	130	130	130
Combustible fuels	130	130	130	130	130	130
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	130	130	130	130	130	130
Combustible fuels	130	130	130	130	130	130
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1079	*1406	*1084	*1170	*1234	*1294
Fuel oil	*2424	*2222	*2828	*2828	*2828	*2969
<b>Total input</b>	*3503	*3628	*3912	*3998	*4062	*4264
<b>Total production</b>	1220	1256	*1364	*1393	1415	1447
<b>Estimated efficiency (% of production to input)</b>	35	35	35	35	35	34

## Statistics on electricity

### Dominica

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	88	93	99	100	102	101
Combustible fuels	67	70	76	65	75	64
Hydro	21	23	23	36	27	37
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	88	93	99	100	102	101
Combustible fuels	67	70	76	65	75	64
Hydro	21	23	23	36	27	37
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	3	3	3	3	4	3
Net production	84	90	96	97	98	97
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	11	9	9	8	8	8
Consumption	74	80	87	89	90	89
Energy industries own use	..	..	..	..	..	..
By industry and construction	6	8	8	8	8	8
By transport	..	..	..	..	..	..
By households and other cons.	68	72	79	81	82	81
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	21	24	27	27	27	27
Combustible fuels	17	19	20	20	20	20
Hydro	5	5	7	7	7	7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	21	24	27	27	27	27
Combustible fuels	17	19	20	20	20	20
Hydro	5	5	7	7	7	7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	671	679	753	636	740	624
<b>Total input</b>	671	679	753	636	740	624
<b>Total production</b>	241	251	274	233	269	230
<b>Estimated efficiency (% of production to input)</b>	36	37	36	37	36	37

**Statistics on electricity**
**Dominican Republic**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	15287	15060	16116	16701	17746	18799
Combustible fuels	13904	13606	14700	15174	15867	16685
Hydro	1382	1453	1416	1513	1783	1872
Nuclear	..	..	..	..	..	..
Other	0	0	0	14	96	243
Main activity	12456	12338	13257	13782	14690	15610
Combustible fuels	11073	10885	11841	12254	12812	13495
Hydro	1382	1453	1416	1513	1783	1872
Nuclear	..	..	..	..	..	..
Other	0	0	0	14	96	243
Own use in electricity, CHP and heat plants	445	420	415	492	510	858
Net production	14842	14639	15701	16209	17236	17942
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1802	1788	1926	1993	2127	2213
Consumption	13043	12845	13774	14215	15109	15729
Energy industries own use	77	21	23	23	24	25
By industry and construction	5156	5046	5419	5595	5772	6497
By transport	3	25	27	30	31	46
By households and other cons.	7806	7752	8307	8567	9282	9160
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	3573	3623	3625	3692	4007	4280
Combustible fuels	3101	3100	3102	3135	3317	3589
Hydro	472	523	523	523	605	606
Nuclear	..	..	..	..	..	..
Other	0	0	0	33	85	85
Main activity	3198	3243	3240	3302	3617	3890
Combustible fuels	2726	2720	2717	2745	2927	3199
Hydro	472	523	523	523	605	606
Nuclear	..	..	..	..	..	..
Other	0	0	0	33	85	85
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	20382	19943	19273	20485	22611	22250
Motor gasoline	656	630	662	676	708	739
Gas-diesel oil	26936	23793	19597	26909	25398	24014
Fuel oil	58547	57736	58721	53211	51560	58799
Natural gas	18372	17918	28511	30069	35004	36487
Bagasse	971	930	974	991	1033	859
<b>Total input</b>	125864	120951	127738	132341	136314	143147
<b>Total production</b>	50055	48983	52920	54625	57121	60065
<b>Estimated efficiency (% of production to input)</b>	40	40	41	41	42	42

## Statistics on electricity

### Ecuador

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	18817	18569	19509	20544	22847	23259
Combustible fuels	7520	9344	10870	9408	10607	12161
Hydro	11294	9222	8636	11133	12238	11039
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	2	59
Main activity	14814	14290	15746	16094	18052	18251
Combustible fuels	4150	5642	7564	5463	6323	7665
Hydro	10661	8645	8179	10628	11727	10527
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	2	59
Own use in electricity, CHP and heat plants	322	524	260	300	379	417
Net production	18495	18045	19249	20244	22468	22842
Imports	500	1120	873	1295	238	662
Exports	38	21	10	14	12	29
Losses	3618	3343	3290	3349	3312	3013
Consumption	15538	15448	16832	18185	19393	20426
Energy industries own use	..	..	..	..	..	..
By industry and construction	6293	6368	7163	7724	8220	8360
By transport	10	10	10	10	10	10
By households and other cons.	9235	9070	9659	10451	11163	12056
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	4239	4395	4757	4795	5064	5105
Combustible fuels	2152	2361	2540	2586	2824	2843
Hydro	2085	2032	2215	2207	2237	2237
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	3	25
Main activity	3680	3749	4045	4083	4324	4311
Combustible fuels	1685	1798	1910	1947	2160	2125
Hydro	1993	1949	2133	2134	2161	2161
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	3	25
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Crude oil	7910	7868	8375	9052	9687	10871
Motor gasoline	975	1240	1816	1816	0	354
Gas-diesel oil	17329	21586	37840	23693	19092	24209
Fuel oil	27714	38097	40683	43349	49934	54298
Liquefied petroleum gas	851	757	757	710	615	568
Other oil products	..	..	0	1769	0	0
Natural gas	15827	17816	19724	17430	22869	25452
Bagasse	12842	12842	12579	14502	14811	13575
<b>Total input</b>	83448	100206	121775	112321	117008	129327
<b>Total production</b>	27072	33638	39132	33869	38185	43780
<b>Estimated efficiency (% of production to input)</b>	32	34	32	30	33	34

**Statistics on electricity**
**Egypt**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	134566	142690	150486	161162	164628	168050
Combustible fuels	118953	128694	135736	146224	150010	153252
Hydro	14682	12863	13046	12934	13121	13352
Nuclear	..	..	..	..	..	..
Other	931	1133	1704	2004	1497	1446
Main activity	131040	139000	146796	157406	159223	162548
Combustible fuels	115427	125004	132046	142468	144605	147750
Hydro	14682	12863	13046	12934	13121	13352
Nuclear	..	..	..	..	..	..
Other	931	1133	1704	2004	1497	1446
Own use in electricity, CHP and heat plants	4493	4545	4944	5226	5405	5502
Net production	130073	138145	145542	155936	159223	162548
Imports	126	183	152	102	77	61
Exports	1022	1118	1595	1679	474	460
Losses	13930	15552	14918	16342	18305	24224
Consumption	112617	120180	126934	135838	140257	137591
Energy industries own use	..	..	..	..	..	..
By industry and construction	37273	38916	40702	42098	39887	37320
By transport	..	..	..	..	506	441
By households and other cons.	75344	81264	86232	93740	99864	99830
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	24185	25409	27732	29997	31487	32702
Combustible fuels	20960	22119	24245	26275	28000	29215
Hydro	2800	2800	2800	3035	2800	2800
Nuclear	..	..	..	..	..	..
Other	425	490	687	687	687	687
Main activity	23502	24726	27049	29310	30800	32015
Combustible fuels	20277	21436	23562	25588	27313	28528
Hydro	2800	2800	2800	3035	2800	2800
Nuclear	..	..	..	..	..	..
Other	425	490	687	687	687	687
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	5246	7525	3698	2580	4257	*4257
Fuel oil	210686	226240	210242	184507	265913	315686
Natural gas	874494	931722	910127	1061998	1068359	1009816
<b>Total input</b>	1090426	1165487	1124067	1249085	1338529	1329759
<b>Total production</b>	428231	463298	488650	526406	540036	551707
<b>Estimated efficiency (% of production to input)</b>	39	40	43	42	40	41

## Statistics on electricity

### El Salvador

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	5968	5793	5985	5837	5972	5896
Combustible fuels	2411	2764	2376	2292	2610	2568
Hydro	2038	1505	2084	2011	1842	1785
Nuclear	..	..	..	..	..	..
Other	1519	1524	1525	1534	1520	1543
Main activity	5393	5153	5369	5211	5323	5255
Combustible fuels	1836	2124	1760	1666	1961	1927
Hydro	2038	1505	2084	2011	1842	1785
Nuclear	..	..	..	..	..	..
Other	1519	1524	1525	1534	1520	1543
Own use in electricity, CHP and heat plants	201	275	271	264	271	269
Net production	5767	5518	5714	5573	5701	5627
Imports	83	208	174	251	163	374
Exports	89	79	89	118	78	91
Losses	715	711	769	715	741	732
Consumption	4996	4933	5024	5169	4765	4947
Energy industries own use	..	..	..	..	..	..
By industry and construction	2229	2204	2231	2287	2340	2430
By transport	..	..	..	..	..	..
By households and other cons.	2767	2729	2793	2882	2425	2517
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1422	1471	1461	1477	1477	1537
Combustible fuels	746	795	785	801	801	860
Hydro	472	472	472	472	472	473
Nuclear	..	..	..	..	..	..
Other	204	204	204	204	204	204
Main activity	1222	1271	1284	1284	1284	1344
Combustible fuels	566	615	608	608	608	667
Hydro	452	452	472	472	472	473
Nuclear	..	..	..	..	..	..
Other	204	204	204	204	204	204
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	258	129	86	86	129	26
Fuel oil	20887	20644	17210	18463	*18220	*17938
Bagasse	3387	5807	5878	5344	6703	7495
<b>Total input</b>	24532	26580	23174	23892	*25052	*25458
<b>Total production</b>	8680	9950	8554	8251	9396	9245
<b>Estimated efficiency (% of production to input)</b>	35	37	37	35	38	36

Statistics on electricity

Equatorial Guinea

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*102	*104	*102	*104	*107	*110
Combustible fuels	*95	*97	*95	*97	*100	*103
Hydro	*7	*7	*7	*7	*7	*7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*102	*104	*102	*104	*107	*110
Combustible fuels	*95	*97	*95	*97	*100	*103
Hydro	*7	*7	*7	*7	*7	*7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*2	*4	*2	*7	*10	*13
Net production	*100	*100	*100	*97	*97	*97
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*95	*95	*95	*97	*97	*97
Energy industries own use	*16	*16	*16	*14	*14	*14
By industry and construction	*18	*18	*18	*19	*19	*19
By transport	..	..	..	..	..	..
By households and other cons.	*61	*61	*61	*64	*64	*64
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*41	*41	*41	*41	*41	*41
Combustible fuels	*37	*37	*37	*37	*37	*37
Hydro	*4	*4	*4	*4	*4	*4
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*41	*41	*41	*41	*41	*41
Combustible fuels	*37	*37	*37	*37	*37	*37
Hydro	*4	*4	*4	*4	*4	*4
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*86	*86	*86	*86	*86	*86
Natural gas	*950	*1000	*950	*1000	*1050	1100
<b>Total input</b>	*1036	*1086	*1036	*1086	*1136	1186
<b>Total production</b>	*342	*349	*342	*349	*360	*371
<b>Estimated efficiency (% of production to input)</b>	33	32	33	32	32	31

## Statistics on electricity

### Eritrea

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	287	295	311	337	359	363
Combustible fuels	285	293	309	335	357	361
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	2	2
Main activity	277	285	300	326	348	352
Combustible fuels	275	283	298	324	346	350
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	2	2
Own use in electricity, CHP and heat plants	16	17	15	16	17	17
Net production	271	278	296	321	342	346
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	45	35	39	48	54	52
Consumption	227	242	256	273	288	294
Energy industries own use	..	..	..	..	..	..
By industry and construction	58	65	64	70	75	76
By transport	..	..	..	..	..	..
By households and other cons.	169	177	192	203	213	218
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*140	*140	*140	*140	*140	*140
Combustible fuels	*139	*139	*139	*139	*139	*139
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
Main activity	*134	*134	*134	*134	*134	*134
Combustible fuels	*133	*133	*133	*133	*133	*133
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	1032	1118	1247	1333	1419	1419
Fuel oil	2020	2141	2262	2464	2626	2666
<b>Total input</b>	3052	3259	3509	3797	4045	4085
<b>Total production</b>	1026	1055	1112	1206	1285	1300
<b>Estimated efficiency (% of production to input)</b>	34	32	32	32	32	32



## Statistics on electricity

### Estonia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	10581	8779	12964	12893	11967	13275
Combustible fuels	10420	8552	12660	12495	11491	12720
Hydro	28	32	27	30	42	26
Nuclear	..	..	..	..	..	..
Other	133	195	277	368	434	529
Main activity	10468	8683	12857	12788	11869	13184
Combustible fuels	10308	8457	12554	12390	11394	12634
Hydro	28	32	27	30	42	26
Nuclear	..	..	..	..	..	..
Other	132	194	276	368	433	524
Own use in electricity, CHP and heat plants	1083	895	1232	1226	1440	1452
Net production	9498	7884	11732	11667	10527	11823
Imports	1369	3025	1100	1690	2710	2712
Exports	2310	2943	4354	5252	4950	6300
Losses	1130	886	1047	949	879	903
Consumption	7427	7080	7431	7156	7408	7332
Energy industries own use	423	430	523	529	430	512
By industry and construction	2335	1941	2095	2046	2187	2156
By transport	80	90	89	80	79	63
By households and other cons.	4589	4619	4724	4501	4712	4601
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2694	2665	2751	2825	2923	2910
Combustible fuels	2612	2554	2637	2640	2649	2654
Hydro	5	7	6	5	8	8
Nuclear	..	..	..	..	..	..
Other	77	104	108	180	266	248
Main activity	2665	2647	2729	2806	2904	2892
Combustible fuels	2584	2537	2616	2621	2630	2637
Hydro	5	7	6	5	8	8
Nuclear	..	..	..	..	..	..
Other	76	103	107	180	266	247
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	0	0	0	0	0	52
Peat	117	859	1308	1005	1200	859
Biogas	82	65	111	93	92	200
Oil shale	107290	87523	120399	124378	111401	137372
Gas-diesel oil	0	43	0	0	0	0
Fuel oil	485	444	485	364	687	929
Natural gas	4797	4034	3771	3026	1411	779
Gasworks gas	3756	5181	5943	5415	4866	3899
Fuelwood	*162	*3368	*7338	*7404	*9978	*9108
Municipal waste	..	..	..	..	..	1336
<b>Total input</b>	116688	101517	139355	141684	129636	154533
<b>Total production</b>	37512	30787	45576	44982	41368	45792
<b>Estimated efficiency (% of production to input)</b>	32	30	33	32	32	30

## Statistics on electricity

### Ethiopia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	3777	3992	4980	6336	7608	8719
Combustible fuels	467	444	31	37	12	8
Hydro	3296	3524	4931	6262	7388	8338
Nuclear	..	..	..	..	..	..
Other	14	24	18	37	208	373
Main activity	3777	3992	4980	6336	7608	8719
Combustible fuels	467	444	31	37	12	8
Hydro	3296	3524	4931	6262	7388	8338
Nuclear	..	..	..	..	..	..
Other	14	24	18	37	208	373
Own use in electricity, CHP and heat plants	273	340	396	367	29	23
Net production	3504	3652	4584	5969	7579	8696
Imports	..	..	..	..	..	..
Exports	..	..	0	332	563	954
Losses	378	399	747	1267	1740	1655
Consumption	3126	3253	3837	4370	5276	6087
Energy industries own use	..	..	..	..	..	..
By industry and construction	1188	1223	1395	1590	1943	2032
By transport	..	..	..	..	..	..
By households and other cons.	1938	2030	2442	2780	3333	4055
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	878	2043	1984	2310	2310	2311
Combustible fuels	203	188	129	189	189	190
Hydro	669	1848	1848	1943	1943	1943
Nuclear	..	..	..	..	..	..
Other	7	7	7	178	178	178
Main activity	878	2043	1984	2310	2310	2311
Combustible fuels	203	188	129	189	189	190
Hydro	669	1848	1848	1943	1943	1943
Nuclear	..	..	..	..	..	..
Other	7	7	7	178	178	178
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	6063	6579	473	559	172	129
<b>Total input</b>	6063	6579	473	559	172	129
<b>Total production</b>	1681	1598	112	133	43	29
<b>Estimated efficiency (% of production to input)</b>	28	24	24	24	25	22

Statistics on electricity

Faeroe Islands

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	276	276	280	274	292	293
Combustible fuels	167	168	199	167	181	180
Hydro	96	92	67	93	100	91
Nuclear	..	..	..	..	..	..
Other	13	15	14	15	11	22
Main activity	276	276	280	274	292	293
Combustible fuels	167	168	199	167	181	180
Hydro	96	92	67	93	100	91
Nuclear	..	..	..	..	..	..
Other	13	15	14	15	11	22
Own use in electricity, CHP and heat plants	6	0	0	0	0	0
Net production	270	276	280	274	292	293
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*11	*7	*25	*19	*30	*18
Consumption	259	269	255	255	261	275
Energy industries own use	..	..	..	..	..	..
By industry and construction	59	57	49	45	52	60
By transport	..	..	..	..	..	..
By households and other cons.	200	212	206	210	209	214
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	100	100	100	100	100	*100
Combustible fuels	65	65	65	65	65	*65
Hydro	32	32	32	32	32	*32
Nuclear	..	..	..	..	..	..
Other	*3	*3	*3	*3	*3	*3
Main activity	100	100	100	100	100	*100
Combustible fuels	65	65	65	65	65	*65
Hydro	32	32	32	32	32	*32
Nuclear	..	..	..	..	..	..
Other	*3	*3	*3	*3	*3	*3
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	151	128	69	43	28	37
Fuel oil	1361	1394	1634	1477	1485	1506
<b>Total input</b>	1512	1522	1703	1520	1512	1542
<b>Total production</b>	601	605	718	601	652	648
<b>Estimated efficiency (% of production to input)</b>	40	40	42	40	43	42

Statistics on electricity

Falkland Is. (Malvinas)

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*18	*18	*18	*18	*18	*18
Combustible fuels	*17	*17	*12	*12	*12	*12
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	*6	*6	*6	*6
Main activity	*16	*16	*16	*16	*16	*16
Combustible fuels	*15	*15	*10	*10	*10	*10
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	*6	*6	*6	*6
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*18	*18	*18	*18	*18	*18
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*18	*18	*18	*18	*18	*18
Energy industries own use	..	..	..	..	..	..
By industry and construction	*7	*7	*7	*7	*7	*7
By transport	..	..	..	..	..	..
By households and other cons.	*10	*10	*10	*10	*10	*10
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*9	*9	*12	*12	*12	*12
Combustible fuels	*9	*9	*9	*9	*9	*9
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	*3	*3	*3	*3
Main activity	*7	*7	*10	*10	*10	*10
Combustible fuels	*7	*7	*7	*7	*7	*7
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	*3	*3	*3	*3
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*172	*172	*112	*112	*112	*112
<b>Total input</b>	*172	*172	*112	*112	*112	*112
<b>Total production</b>	*62	*62	*43	*43	*43	*43
<b>Estimated efficiency (% of production to input)</b>	36	36	38	38	39	39

## Statistics on electricity

### Fiji

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	769	777	835	801	803	858
Combustible fuels	270	310	415	340	271	325
Hydro	495	460	414	456	525	527
Nuclear	..	..	..	..	..	..
Other	5	7	6	5	7	5
Main activity	723	734	783	757	755	811
Combustible fuels	224	266	363	295	223	278
Hydro	495	460	414	456	525	527
Nuclear	..	..	..	..	..	..
Other	5	7	6	5	7	5
Own use in electricity, CHP and heat plants	9	9	9	9	8	9
Net production	760	768	826	792	795	848
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*75	*75	*75	*42	*63	*68
Consumption	776	775	844	750	732	780
Energy industries own use	..	..	..	..	..	..
By industry and construction	529	527	583	522	518	551
By transport	..	..	..	..	..	..
By households and other cons.	247	248	261	228	214	229
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*215	*215	*215	*215	*255	*255
Combustible fuels	*94	*94	*94	*94	*94	*94
Hydro	*111	*111	*111	*111	*151	*151
Nuclear	..	..	..	..	..	..
Other	*10	*10	*10	*10	*10	*10
Main activity	*171	*171	*171	*171	*211	*211
Combustible fuels	*50	*50	*50	*50	*50	*50
Hydro	*111	*111	*111	*111	*151	*151
Nuclear	..	..	..	..	..	..
Other	*10	*10	*10	*10	*10	*10
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard coal briquettes	0	0	0	0	0	0
Gas-diesel oil	*3480	*3480	*3480	*3480	*3480	*3480
<b>Total input</b>	*3480	*3480	*3480	*3480	*3480	*3480
<b>Total production</b>	971	1116	1494	1223	977	1169
<b>Estimated efficiency (% of production to input)</b>	28	32	43	35	28	34

## Statistics on electricity

### Finland

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	77435	72062	80667	73481	70399	71251
Combustible fuels	36653	35266	44328	37058	29725	33725
Hydro	17112	12686	12922	12445	16859	12838
Nuclear	22958	23526	22800	23187	22987	23606
Other	712	584	617	791	828	1082
Main activity	65338	62092	69626	62877	60182	61145
Combustible fuels	26097	26388	34352	27598	20976	24784
Hydro	15809	11790	12062	11496	15615	11863
Nuclear	22958	23526	22800	23187	22987	23606
Other	474	388	412	596	604	892
Own use in electricity, CHP and heat plants	2956	2854	3463	3092	2713	2916
Net production	74479	69208	77204	70389	67686	68335
Imports	16107	15460	15719	17656	19089	17591
Exports	3335	3375	5218	3804	1645	1876
Losses	3334	2774	2766	2698	2913	2609
Consumption	83813	78404	84770	81379	82002	81249
Energy industries own use	1272	1338	1291	1301	1310	1331
By industry and construction	43206	36164	40361	39241	38165	38694
By transport	734	716	740	730	737	733
By households and other cons.	38601	40186	42378	40107	41790	40491
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	15609	15336	15537	15678	15758	16704
Combustible fuels	9622	9321	9461	9559	9562	10219
Hydro	3122	3145	3155	3196	3198	3276
Nuclear	2716	2716	2716	2716	2732	2752
Other	149	154	205	207	266	457
Main activity	13509	13274	13475	13647	13732	14663
Combustible fuels	7717	7454	7594	7723	7731	8373
Hydro	2927	2950	2960	3001	3003	3081
Nuclear	2716	2716	2716	2716	2732	2752
Other	149	154	205	207	266	457
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	92674	112256	141332	100336	79387	109882
Peat	59780	53475	72536	62913	45882	39225
Biogas	199	225	683	1047	893	1008
Fuel oil	6222	5373	4888	3636	3111	2707
Natural gas	95986	85887	97970	82347	63266	59170
Blast furnace gas	7657	4542	5818	5642	4866	4597
Fuelwood	*105615	*99741	*118763	*123943	*130689	*143253
Municipal waste	5577	6588	6680	6971	9365	12215
Industrial waste	658	806	697	812	935	1071
Black liquor	71995	*61265	*89146	*85351	*84307	*89097
Others	2152	2176	1428	1392	2084	2607
<b>Total input</b>	448514	432334	539943	474390	*424784	464832
<b>Total production</b>	131951	126958	159581	133409	107010	121410
<b>Estimated efficiency (% of production to input)</b>	29	29	30	28	25	26

## Statistics on electricity

### France

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	573694	535805	569246	561494	565768	572517
Combustible fuels	59676	55564	62162	54463	56651	51388
Hydro	68368	61970	67525	49865	63594	75640
Nuclear	439447	409736	428521	442383	425406	423685
Other	6203	8535	11038	14783	20117	21804
Main activity	553744	522196	556177	545597	543563	552464
Combustible fuels	40896	43188	50950	41308	39465	37531
Hydro	67546	61275	66755	49184	62785	74354
Nuclear	439447	409736	428521	442383	425406	423685
Other	5855	7997	9951	12722	15907	16894
Own use in electricity, CHP and heat plants	25364	23643	24987	25003	24512	23831
Net production	548330	512162	544259	536491	541256	548686
Imports	10748	18517	19475	9501	12213	11687
Exports	58736	44451	50188	65914	56734	60148
Losses	33481	34878	35414	32412	37702	37579
Consumption	467358	454430	478359	449894	460938	464169
Energy industries own use	34622	36475	34270	32328	26845	23459
By industry and construction	128644	111722	117444	117891	114319	111440
By transport	12966	12518	12533	12398	12407	12780
By households and other cons.	291126	293715	314112	287277	307367	316490
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	117855	119118	124531	127394	129347	130112
Combustible fuels	25648	25624	28824	27792	27764	27200
Hydro	25097	25185	25332	25347	25366	25443
Nuclear	63260	63130	63130	63130	63130	63130
Other	3850	5179	7245	11125	13087	14339
Main activity	110924	113383	117430	118830	120127	120574
Combustible fuels	19256	20606	23179	23654	23491	23000
Hydro	24810	24929	25077	25000	25000	25000
Nuclear	63260	63130	63130	63130	63130	63130
Other	3598	4718	6044	7046	8506	9444
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	214914	209135	195977	135863	183696	206993
Biogas	7457	9767	11180	11757	12769	14214
Fuel oil	51146	55025	55146	26422	26583	15029
Refinery gas	12623	10742	18612	19602	19503	13662
Natural gas	261285	265241	349935	366062	209649	166357
Coke-oven gas	10230	6542	6188	5247	5807	6776
Blast furnace gas	25657	17363	21893	19676	21728	21664
Municipal waste	71334	74192	75802	77200	82348	76670
Industrial waste	..	..	..	..	..	3826
Black liquor	*20336	*13064	*14407	*26625	*6913	*5258
Others	24071	23931	19609	17659	17696	6918
<b>Total input</b>	699053	685001	768749	706112	586692	537368
<b>Total production</b>	214834	200030	223783	196067	203944	184997
<b>Estimated efficiency (% of production to input)</b>	31	29	29	28	35	34

**Statistics on electricity**
**French Guiana**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*773	*794	*823	*836	853	858
Combustible fuels	*248	*445	*379	*377	273	326
Hydro	*525	*349	*444	*459	529	489
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	51	43
Main activity	*773	*794	*823	*836	853	858
Combustible fuels	*248	*445	*379	*377	273	326
Hydro	*525	*349	*444	*459	529	489
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	51	43
Own use in electricity, CHP and heat plants	*12	*13	*14	*15	15	15
Net production	*761	*781	*809	*821	838	843
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*80	*82	*84	*85	*85	*85
Consumption	*681	*699	*725	*736	753	*758
Energy industries own use	..	..	..	..	..	..
By industry and construction	*313	*321	*330	*331	*337	*339
By transport	..	..	..	..	..	..
By households and other cons.	*368	*378	*395	*405	416	*419
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	241	243	243	247	281	292
Combustible fuels	127	129	129	129	129	140
Hydro	114	114	114	118	118	119
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	34	33
Main activity	241	243	243	247	281	292
Combustible fuels	127	129	129	129	129	140
Hydro	114	114	114	118	118	119
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	34	33
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1054	*1892	*1591	*1591	*1376	*1591
Fuel oil	*1333	*2262	*1919	*1899	*1212	*1535
<b>Total input</b>	*2387	*4154	*3510	*3490	*2588	*3126
<b>Total production</b>	*893	*1602	*1364	*1357	983	1174
<b>Estimated efficiency (% of production to input)</b>	37	39	39	39	38	38



**Statistics on electricity**
**French Polynesia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*720	*736	*817	*761	*765	*741
Combustible fuels	*505	*521	*538	*533	*553	*542
Hydro	211	210	276	*225	*209	*195
Nuclear	..	..	..	..	..	..
Other	4	4	*3	*3	*3	*4
Main activity	*720	*736	*817	*761	*765	*741
Combustible fuels	*505	*521	*538	*533	*553	*542
Hydro	211	210	276	*225	*209	*195
Nuclear	..	..	..	..	..	..
Other	4	4	*3	*3	*3	*4
Own use in electricity, CHP and heat plants	29	29	32	*30	*30	*31
Net production	*691	*706	*785	*731	*735	*710
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*43	*44	*49	*45	*46	*46
Consumption	*649	*670	*694	*685	*689	*664
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*649	*670	*694	*685	*689	*664
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	227	228	*227	*227	*227	*227
Combustible fuels	177	177	*177	*177	*177	*177
Hydro	47	47	*47	*47	*47	*48
Nuclear	..	..	..	..	..	..
Other	3	3	*3	*3	*3	*3
Main activity	227	228	*227	*227	*227	*227
Combustible fuels	177	177	*177	*177	*177	*177
Hydro	47	47	*47	*47	*47	*48
Nuclear	..	..	..	..	..	..
Other	3	3	*3	*3	*3	*3
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*3354	*3223	*3239	*3008	*2869	*2937
Fuel oil	*1392	*1398	*1405	*1405	*1405	*1420
<b>Total input</b>	*4746	*4621	*4644	*4413	*4274	*4357
<b>Total production</b>	*1819	*1877	*1936	*1918	*1989	*1951
<b>Estimated efficiency (% of production to input)</b>	38	41	42	43	47	45

**Statistics on electricity**
**Gabon**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1834	1850	1963	2057	2198	2400
Combustible fuels	940	906	1056	1217	1290	1500
Hydro	894	944	907	840	908	900
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1639	1652	1752	1838	1966	2149
Combustible fuels	745	708	845	998	1058	1249
Hydro	894	944	907	840	908	900
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	92	70	70	67	75	82
Net production	1742	1780	1893	1990	2123	2318
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	333	358	385	408	432	473
Consumption	1409	1422	1508	1582	1691	1845
Energy industries own use	31	31	33	34	37	40
By industry and construction	372	376	399	421	449	489
By transport	6	6	6	6	7	7
By households and other cons.	1000	1009	1070	1121	1198	1309
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*366	443	443	443	463	627
Combustible fuels	*196	273	273	273	293	*297
Hydro	170	170	170	170	170	330
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	318	373	373	373	393	557
Combustible fuels	*148	203	203	203	223	*227
Hydro	170	170	170	170	170	330
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	3268	2408	2494	2967	3913	4128
Fuel oil	1091	768	404	121	0	0
Natural gas	6356	8635	11787	13431	13515	14824
Fuelwood	*265	*271	*278	*285	*292	*299
<b>Total input</b>	10980	12082	14963	16804	17720	19251
<b>Total production</b>	3384	3262	3802	4381	4644	5400
<b>Estimated efficiency (% of production to input)</b>	31	27	25	26	26	28

## Statistics on electricity

### Gambia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	242	242	*245	*256	*266	*261
Combustible fuels	242	242	*245	*256	*266	*261
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	214	214	*217	*226	*236	*230
Combustible fuels	214	214	*217	*226	*236	*230
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	6	6	*6	*6	*7	0
Net production	236	236	*239	*249	*260	*261
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	17	17	*17	*18	*19	*19
Consumption	219	233	*236	*246	*256	*249
Energy industries own use	..	..	..	..	..	..
By industry and construction	*34	32	*32	*34	*35	*35
By transport	..	..	..	..	..	..
By households and other cons.	185	201	*204	*212	*221	*214
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	53	62	*74	*74	*74	*91
Combustible fuels	53	62	*74	*74	*74	*91
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	28	28	*40	*40	*40	*57
Combustible fuels	28	28	*40	*40	*40	*57
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	1892	1634	*1892	*1978	*2021	*2021
<b>Total input</b>	1892	1634	*1892	*1978	*2021	*2021
<b>Total production</b>	871	871	*883	*921	*959	*939
<b>Estimated efficiency (% of production to input)</b>	46	53	47	47	47	46

## Statistics on electricity

### Georgia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	8453	8558	10124	10194	9695	10059
Combustible fuels	1291	1146	757	2304	2472	1788
Hydro	7162	7412	9367	7890	7223	8271
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	8453	8558	10124	10194	9695	10059
Combustible fuels	1291	1146	757	2304	2472	1788
Hydro	7162	7412	9367	7890	7223	8271
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	107	363	78	88	226	199
Net production	8346	8195	10046	10106	9469	9860
Imports	558	255	232	477	615	484
Exports	675	740	1492	930	528	450
Losses	1095	1081	1103	1142	1094	805
Consumption	7028	6563	7664	8511	8452	9089
Energy industries own use	1059	705	376	423	284	15
By industry and construction	711	1312	2137	2963	2876	2327
By transport	346	348	546	373	405	282
By households and other cons.	4912	4198	4605	4752	4887	6465
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	4538	*4538	*4538	*4350	*4350	*4350
Combustible fuels	1688	*1688	*1688	*1688	*1688	*1688
Hydro	2850	*2850	*2850	*2662	*2662	*2662
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4538	*4538	*4538	*4350	*4350	*4350
Combustible fuels	1688	*1688	*1688	*1688	*1688	*1688
Hydro	2850	*2850	*2850	*2662	*2662	*2662
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	860	2838	2322	516	0	0
Natural gas	14486	19092	12869	19858	22588	16982
<b>Total input</b>	15346	21930	15191	20374	22588	16982
<b>Total production</b>	4648	4126	2725	8294	8899	6437
<b>Estimated efficiency (% of production to input)</b>	30	19	18	41	39	38

## Statistics on electricity

### Germany

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	640406	595617	632983	613068	629812	633158
Combustible fuels	418220	388640	413207	410773	423424	422523
Hydro	26469	24682	27353	23511	27849	28782
Nuclear	148495	134932	140556	107971	99460	97290
Other	47222	47363	51867	70813	79079	84563
Main activity	591008	549657	580009	562454	585718	588266
Combustible fuels	370751	344545	362335	362124	381003	379057
Hydro	26127	24317	26975	23184	27499	28600
Nuclear	148495	134932	140556	107971	99460	97290
Other	45635	45863	50143	69175	77756	83319
Own use in electricity, CHP and heat plants	39437	37068	38151	36152	37072	36453
Net production	600969	558549	594832	576916	592740	596705
Imports	41670	41859	42962	51003	46268	39222
Exports	61770	54132	57917	54768	66810	71415
Losses	30118	25003	23974	24799	24562	24474
Consumption	550751	521272	555903	548352	547637	540038
Energy industries own use	23177	24013	23479	22806	21803	21949
By industry and construction	234966	202021	224530	229805	226239	224269
By transport	11137	11633	12119	12151	12084	11985
By households and other cons.	281471	283605	295775	283590	287511	281835
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	143456	151678	162698	175896	177291	186117
Combustible fuels	81788	83245	85823	89421	89649	91368
Hydro	10805	11238	11218	11436	11257	11240
Nuclear	20486	20480	20467	20467	12068	12068
Other	30377	36715	45190	54572	64317	71441
Main activity	133554	141808	152795	166141	170272	176498
Combustible fuels	72299	73791	76351	80050	82912	82072
Hydro	10726	11158	11144	11367	11185	11198
Nuclear	20486	20480	20467	20467	12068	12068
Other	30043	36379	44833	54257	64107	71160
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	1162264	1022299	1093249	1031020	1096474	1152744
Brown Coal	2264458	2215192	2168880	2241736	2373070	2328984
Lignite briquettes	21839	16394	15753	17947	19893	20265
Biogas	94890	104518	122294	148398	190358	214517
Other oil products	42290	43054	35255	25406	29386	28462
Natural gas	847148	780425	822592	771794	692263	616961
Coke-oven gas	18554	14696	18092	14634	17104	19258
Blast furnace gas	74305	42027	72766	68853	67615	73193
Fuelwood	*102346	*102379	*112509	*125705	*135851	*131071
Municipal waste	153724	141740	152444	148154	156878	177360
Others	59713	85757	78789	66588	72724	60004
<b>Total input</b>	4841531	4568482	4692624	4660235	4851616	4822819
<b>Total production</b>	1505592	1399104	1487545	1478783	1524326	1521083
<b>Estimated efficiency (% of production to input)</b>	31	31	32	32	31	32

**Statistics on electricity**
**Ghana**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	8366	8964	10167	11366	12204	13047
Combustible fuels	2170	2087	3171	3805	4133	4814
Hydro	6196	6877	6996	7561	8071	8233
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	8360	8958	10029	11200	12024	12867
Combustible fuels	2164	2081	3033	3639	3953	4634
Hydro	6196	6877	6996	7561	8071	8233
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	60	25	5	191	45	417
Net production	8306	8939	10162	11175	12159	12630
Imports	275	198	106	81	128	27
Exports	538	752	1036	691	667	530
Losses	1844	2088	2361	1378	1465	1544
Consumption	6159	6224	6860	9186	9258	10583
Energy industries own use	..	..	..	..	..	..
By industry and construction	2963	2920	3156	3280	3277	3680
By transport	..	..	..	..	..	4
By households and other cons.	3196	3304	3704	5906	5981	6899
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*2216	*2200	2390	2590	2700	3041
Combustible fuels	1036	1020	1210	1410	1520	1458
Hydro	*1180	*1180	1180	1180	1180	1580
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	3
Main activity	*1981	*1970	2180	2380	2490	2831
Combustible fuels	801	790	1000	1200	1310	1248
Hydro	*1180	*1180	1180	1180	1180	1580
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	3
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Crude oil	24492	22901	29631	11929	31941	36539
Gas-diesel oil	..	..	..	284	606	219
Natural gas	..	..	10377	23404	12854	12140
<b>Total input</b>	24492	22901	40008	35617	45401	48898
<b>Total production</b>	7812	7513	11416	13698	14879	17330
<b>Estimated efficiency (% of production to input)</b>	32	33	29	38	33	35

## Statistics on electricity

### Gibraltar

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	166	174	177	171	176	189
Combustible fuels	166	174	177	171	176	189
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	166	174	177	171	176	189
Combustible fuels	166	174	177	171	176	189
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	3	3	4	3	4	4
Net production	163	171	173	168	172	185
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	5	5	5	5	5	6
Consumption	163	171	173	167	183	188
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	163	171	173	167	183	188
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	43	43	43	43	43	43
Combustible fuels	43	43	43	43	43	43
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	43	43	43	43	43	43
Combustible fuels	43	43	43	43	43	43
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	1656	1737	1737	1737	1737	1858
<b>Total input</b>	1656	1737	1737	1737	1737	1858
<b>Total production</b>	598	626	637	616	634	680
<b>Estimated efficiency (% of production to input)</b>	36	36	37	35	36	37

## Statistics on electricity

### Greece

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	63749	61365	57392	59436	60959	57152
Combustible fuels	57353	53127	47035	51236	50824	42981
Hydro	4149	5645	7485	4275	4591	6384
Nuclear	..	..	..	..	..	..
Other	2247	2593	2872	3925	5544	7787
Main activity	62438	59407	54900	56883	58608	55267
Combustible fuels	56042	51169	44543	48683	48473	41096
Hydro	4149	5645	7485	4275	4591	6384
Nuclear	..	..	..	..	..	..
Other	2247	2593	2872	3925	5544	7787
Own use in electricity, CHP and heat plants	4342	5292	4003	5523	7305	4592
Net production	59407	56073	53389	53913	53654	52560
Imports	7575	7600	8517	7180	5954	5788
Exports	1962	3233	2811	3948	4169	3901
Losses	5053	3223	3783	2820	1611	3895
Consumption	59967	57217	55312	54325	53828	50552
Energy industries own use	3321	2504	2192	2531	1811	1761
By industry and construction	15485	14067	14142	14640	11573	11366
By transport	239	232	183	184	189	267
By households and other cons.	40922	40414	38795	36970	40255	37158
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	14253	14627	15312	16524	17751	18855
Combustible fuels	10043	10209	10597	11048	11226	11229
Hydro	3176	3201	3215	3224	3236	3238
Nuclear	..	..	..	..	..	..
Other	1034	1217	1500	2252	3289	4388
Main activity	13727	14085	14790	15984	17229	18328
Combustible fuels	9517	9667	10075	10508	10704	10702
Hydro	3176	3201	3215	3224	3236	3238
Nuclear	..	..	..	..	..	..
Other	1034	1217	1500	2252	3289	4388
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	0	516	4076	877	52	26
Brown Coal	899178	912310	807184	838152	866698	760088
Biogas	1382	2288	1981	2366	3072	2975
Gas-diesel oil	18275	14534	13932	12943	11438	10019
Fuel oil	72518	54459	38986	37128	37774	34623
Liquefied petroleum gas	0	0	142	1750	1419	189
Refinery gas	9306	9207	9603	9356	10692	9455
Natural gas	116078	84511	95857	111198	103109	91617
Industrial waste	168	169	1341	1175	625	883
<b>Total input</b>	1116905	1077994	973102	1014944	1034879	909874
<b>Total production</b>	206471	191257	169326	184450	182966	154732
<b>Estimated efficiency (% of production to input)</b>	18	18	17	18	18	17



**Statistics on electricity**
**Greenland**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	388	406	401	*412	416	416
Combustible fuels	186	152	120	*96	*93	*91
Hydro	202	254	281	*316	323	325
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	332	340	336	*356	361	362
Combustible fuels	130	86	55	*40	*38	*37
Hydro	202	254	281	*316	323	325
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	12	13	13	*14	*13	*15
Net production	376	394	388	*398	403	401
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*34	35	*36	*36	*35	*32
Consumption	301	306	300	320	314	318
Energy industries own use	..	..	..	..	..	..
By industry and construction	65	64	64	63	58	60
By transport	..	..	..	..	..	..
By households and other cons.	236	242	236	258	257	259
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*144	*174	*174	*174	*172	*187
Combustible fuels	*106	*106	*106	*106	*96	*96
Hydro	38	68	68	*68	76	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*128	*158	*158	*158	*156	171
Combustible fuels	*90	*90	*90	*90	*80	*80
Hydro	38	68	68	*68	76	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	1869	1615	1365	1332	1384	*1382
Municipal waste	87	80	90	91	103	102
<b>Total input</b>	1956	1695	1455	1422	1487	*1484
<b>Total production</b>	670	547	432	*346	*335	*328
<b>Estimated efficiency (% of production to input)</b>	34	32	30	24	23	22

**Statistics on electricity**
**Grenada**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	189	203	209	204	200	197
Combustible fuels	189	203	209	204	200	197
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	189	203	209	204	200	197
Combustible fuels	189	203	209	204	200	197
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	7	8	7	7	7	6
Net production	182	195	201	197	193	191
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	9	18	17	16	15	15
Consumption	172	177	185	181	179	176
Energy industries own use	..	..	..	..	..	..
By industry and construction	6	6	6	6	6	6
By transport	..	..	..	..	..	..
By households and other cons.	167	172	179	175	173	170
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	50	49	49	50	49	49
Combustible fuels	50	49	49	50	49	49
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	50	49	49	50	49	49
Combustible fuels	50	49	49	50	49	49
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	1793	1757	1861	1811	2099	2558
<b>Total input</b>	1793	1757	1861	1811	2099	2558
<b>Total production</b>	680	731	751	734	719	708
<b>Estimated efficiency (% of production to input)</b>	38	42	40	41	34	28

**Statistics on electricity**
**Guadeloupe**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*1694	*1709	*1809	*1767	*1805	*1809
Combustible fuels	*1577	*1554	*1634	*1555	*1589	*1541
Hydro	*14	*14	*14	*14	*14	*20
Nuclear	..	..	..	..	..	..
Other	*103	*141	*161	*198	*202	*248
Main activity	*1694	*1709	*1809	*1767	*1805	*1809
Combustible fuels	*1577	*1554	*1634	*1555	*1589	*1541
Hydro	*14	*14	*14	*14	*14	*20
Nuclear	..	..	..	..	..	..
Other	*103	*141	*161	*198	*202	*248
Own use in electricity, CHP and heat plants	*81	*81	*79	*75	*79	*80
Net production	*1613	*1628	*1730	*1692	*1726	*1729
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*80	*80	*80	*80	*80	*80
Consumption	*1533	*1548	*1650	*1612	*1646	*1649
Energy industries own use	..	..	..	..	..	..
By industry and construction	*193	*194	*206	*201	*206	*206
By transport	..	..	..	..	..	..
By households and other cons.	*1340	*1354	*1444	*1411	*1440	*1443
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	416	441	440	467	493	496
Combustible fuels	368	368	359	359	380	380
Hydro	10	10	8	8	9	9
Nuclear	..	..	..	..	..	..
Other	38	63	*73	*100	105	108
Main activity	416	441	440	467	493	496
Combustible fuels	368	368	359	359	380	380
Hydro	10	10	8	8	9	9
Nuclear	..	..	..	..	..	..
Other	38	63	*73	*100	105	108
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*8901	*9030	*8944	*8944	*8944	*8944
Fuel oil	*7191	*7312	*7393	*7393	*7393	*7434
<b>Total input</b>	*16092	*16342	*16337	*16337	*16337	*16378
<b>Total production</b>	*5677	*5594	*5882	*5598	*5720	*5548
<b>Estimated efficiency (% of production to input)</b>	35	34	36	34	35	34

Statistics on electricity

Guam

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*1878	1868	*1882	*1858	*1799	1736
Combustible fuels	*1878	1868	*1882	*1858	*1799	1736
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*1878	1868	*1882	*1858	*1799	1736
Combustible fuels	*1878	1868	*1882	*1858	*1799	1736
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*105	105	*113	*112	*109	86
Net production	*1773	1763	*1769	*1746	*1690	1650
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*138	*138	*132	*128	*127	101
Consumption	1635	1625	1638	1618	1564	1550
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	1635	1625	1638	1618	1564	1550
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	553	552	552	552	552	552
Combustible fuels	553	552	552	552	552	552
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	553	552	552	552	552	552
Combustible fuels	553	552	552	552	552	552
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
<b>Total input</b>	..	..	..	..	..	..
<b>Total production</b>	*6762	6724	*6777	*6689	*6476	6251
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	..	..

**Statistics on electricity**
**Guatemala**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	8718	9047	8893	9181	9412	9826
Combustible fuels	4749	5718	4773	4759	4708	4959
Hydro	3675	2942	3849	4176	4458	4654
Nuclear	..	..	..	..	..	..
Other	294	387	271	246	246	212
Main activity	8223	8323	8160	8494	8700	9169
Combustible fuels	4277	5016	4062	4094	4019	4326
Hydro	3652	2920	3827	4154	4435	4631
Nuclear	..	..	..	..	..	..
Other	294	387	271	246	246	212
Own use in electricity, CHP and heat plants	255	228	381	344	393	421
Net production	8463	8819	8512	8837	9019	9405
Imports	5	37	362	511	372	313
Exports	76	94	139	193	346	669
Losses	1216	1291	1187	1508	1304	*761
Consumption	7175	7464	7549	7647	7741	8288
Energy industries own use	..	..	..	..	..	..
By industry and construction	2804	3014	3054	3122	3126	3348
By transport	..	..	..	..	..	..
By households and other cons.	4371	4450	4495	4525	4615	4940
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2594	2382	2458	2576	*2796	*2974
Combustible fuels	1773	1555	1556	1640	*1773	*1923
Hydro	777	778	853	*887	*991	*1002
Nuclear	..	..	..	..	..	..
Other	44	49	49	49	*32	*49
Main activity	2283	2007	2072	2122	*2304	*2441
Combustible fuels	1466	1184	1174	1190	*1286	*1395
Hydro	773	774	849	*883	*987	*998
Nuclear	..	..	..	..	..	..
Other	44	49	49	49	*32	*49
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	11636	7585	12668	12694	12823	12828
Gas-diesel oil	172	2193	43	344	86	340
Fuel oil	24967	30058	17412	16524	15716	19331
Bagasse	*25395	*50288	*46597	*72189	*75799	80657
<b>Total input</b>	62170	*90124	*76720	*101750	*104423	113156
<b>Total production</b>	17096	20585	17183	17132	16949	17854
<b>Estimated efficiency (% of production to input)</b>	27	23	22	17	16	16

## Statistics on electricity

### Guernsey

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	111	174	152	85	68	289
Combustible fuels	111	174	152	85	68	289
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	111	174	152	85	68	289
Combustible fuels	111	174	152	85	68	289
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	111	174	152	85	68	289
Imports	257	210	239	309	313	111
Exports	..	..	..	..	..	..
Losses	27	*29	*29	*18	*18	*22
Consumption	341	355	362	375	*363	*378
Energy industries own use	..	..	..	..	..	..
By industry and construction	37	43	48	53	*50	*54
By transport	..	..	..	..	..	..
By households and other cons.	304	312	315	322	*313	*325
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	116	115	115	115	*115	*115
Combustible fuels	116	115	115	115	*115	*115
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	116	115	115	115	*115	*115
Combustible fuels	116	115	115	115	*115	*115
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	7	14	13	14	*12	*49
Fuel oil	921	1443	1255	692	*606	*2424
<b>Total input</b>	928	1457	1267	706	*618	*2473
<b>Total production</b>	399	625	548	305	245	1040
<b>Estimated efficiency (% of production to input)</b>	43	43	43	43	40	42

## Statistics on electricity

### Guinea

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*1006	*1003	*957	*890	*1069	*995
Combustible fuels	*511	*541	*483	*476	*579	*513
Hydro	495	462	474	414	490	482
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	667	660	614	548	727	653
Combustible fuels	172	198	140	134	237	171
Hydro	495	462	474	414	490	482
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	188	187	172	166	345	343
Net production	*819	*817	*785	*724	*724	*652
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*182	*180	*167	*154	*154	*154
Consumption	*637	*637	*617	*570	*570	*499
Energy industries own use	..	..	..	..	..	..
By industry and construction	*223	*223	*216	*200	*200	*170
By transport	..	..	..	..	..	..
By households and other cons.	*414	*414	*401	*371	*371	*329
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*440	*423	*432	*385	*394	518
Combustible fuels	*270	*274	*283	*236	*246	370
Hydro	*170	149	149	149	149	149
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*260	243	252	205	214	338
Combustible fuels	*111	115	124	77	87	211
Hydro	*149	128	128	128	128	128
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	*5144	*5193	*5216	*5216	*5131	*3618
<b>Total input</b>	*5144	*5193	*5216	*5216	*5131	*3618
<b>Total production</b>	*1841	*1948	*1740	*1714	*2085	*1848
<b>Estimated efficiency (% of production to input)</b>	36	38	33	33	41	51

**Statistics on electricity**
**Guinea-Bissau**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*30	*31	*32	*33	*34	*35
Combustible fuels	*30	*31	*32	*33	*34	*35
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*23	*24	*25	*26	*26	*27
Combustible fuels	*23	*24	*25	*26	*26	*27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*30	*31	*32	*33	*34	*35
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*30	*31	*32	*33	*34	*35
Energy industries own use	..	..	..	..	..	..
By industry and construction	*17	*18	*18	*19	*20	*20
By transport	..	..	..	..	..	..
By households and other cons.	*13	*13	*14	*14	*15	*15
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	27	27	*27	*27	*27	*27
Combustible fuels	27	27	*27	*27	*27	*27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	25	25	*25	*25	*25	*25
Combustible fuels	25	25	*25	*25	*25	*25
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*412	*476	*502	*494	508	*542
<b>Total input</b>	*412	*476	*502	*494	508	*542
<b>Total production</b>	*107	*111	*115	*119	*123	*127
<b>Estimated efficiency (% of production to input)</b>	26	23	23	24	24	23



## Statistics on electricity

### Guyana

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	709	723	868	910	942	962
Combustible fuels	709	723	868	910	942	962
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	564	586	568	605	658	660
Combustible fuels	564	586	568	605	658	660
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	24	25	126	130	128	28
Net production	685	699	742	780	815	934
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	209	216	252	263	242	230
Consumption	476	483	477	502	526	704
Energy industries own use	..	..	..	..	..	..
By industry and construction	51	51	147	153	158	235
By transport	..	..	..	..	..	..
By households and other cons.	426	431	330	348	368	469
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	264	342	348	349	363	*383
Combustible fuels	264	342	348	349	363	*383
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	152	163	170	170	182	*192
Combustible fuels	152	163	170	170	182	*192
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	2464	2576	2907	3840	2911	3178
Fuel oil	4844	4723	7022	5979	6832	7329
Bagasse	424	364	246	279	425	513
<b>Total input</b>	7732	7662	10175	10098	10167	11019
<b>Total production</b>	2553	2603	3124	3277	3393	3464
<b>Estimated efficiency (% of production to input)</b>	33	34	31	32	33	31

## Statistics on electricity

### Haiti

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	486	721	587	974	1148	1105
Combustible fuels	305	514	410	853	927	964
Hydro	181	207	177	121	221	141
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	486	721	587	943	1100	1055
Combustible fuels	305	514	410	822	879	914
Hydro	181	207	177	121	221	141
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	12	17	15	59	28	19
Net production	474	704	572	915	1120	1086
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	257	369	343	627	627	599
Consumption	217	336	228	235	493	456
Energy industries own use	..	..	..	..	..	..
By industry and construction	71	110	75	83	194	171
By transport	..	..	..	..	..	..
By households and other cons.	146	226	153	152	299	285
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	244	240	267	267	267	*340
Combustible fuels	181	178	207	207	207	*262
Hydro	63	62	61	61	61	77
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	221	217	193	193	193	*246
Combustible fuels	158	155	133	133	133	*168
Hydro	63	62	61	61	61	77
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	2623	*2709	2881	*4300	6880	6149
Fuel oil	606	1010	808	*2020	2262	2666
<b>Total input</b>	3229	*3719	3689	*6320	9142	8815
<b>Total production</b>	1098	1850	1476	3071	3337	3470
<b>Estimated efficiency (% of production to input)</b>	34	50	40	49	37	39

## Statistics on electricity

### Honduras

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	6549	6625	6777	7653	7740	8074
Combustible fuels	4258	3828	3697	4721	4615	5025
Hydro	2291	2797	3080	2815	2787	2739
Nuclear	..	..	..	..	..	..
Other	..	..	..	117	338	310
Main activity	6537	6613	6765	7170	7231	7543
Combustible fuels	4246	3816	3685	4238	4106	4494
Hydro	2291	2797	3080	2815	2787	2739
Nuclear	..	..	..	..	..	..
Other	..	..	..	117	338	310
Own use in electricity, CHP and heat plants	12	12	12	14	238	248
Net production	6537	6613	6765	7639	7502	7826
Imports	45	1	22	171	154	268
Exports	12	46	13	127	79	156
Losses	1346	1491	1647	2066	2314	2527
Consumption	5168	5037	5100	5449	5308	5455
Energy industries own use	..	..	..	..	..	..
By industry and construction	1388	1237	1267	1590	1726	1787
By transport	..	..	..	..	..	..
By households and other cons.	3780	3800	3833	3859	3582	3668
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1593	1606	1611	1721	1783	1806
Combustible fuels	1071	1084	1084	1088	1143	1147
Hydro	522	522	527	531	538	558
Nuclear	..	..	..	..	..	..
Other	..	..	0	102	102	102
Main activity	1529	1530	1535	1613	1666	1690
Combustible fuels	1009	1010	1010	982	1028	1032
Hydro	520	520	525	529	536	556
Nuclear	..	..	..	..	..	..
Other	..	..	0	102	102	102
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	..	0	0	1006	929	929
Gas-diesel oil	1333	989	1032	1892	1161	2279
Fuel oil	33815	28765	28320	34582	21493	25048
Bagasse	*2837	*2419	*2304	*9331	*9951	*10454
<b>Total input</b>	37985	32173	31656	46812	33534	38710
<b>Total production</b>	15329	13781	13309	16996	16614	18090
<b>Estimated efficiency (% of production to input)</b>	40	43	42	36	50	47

## Statistics on electricity

### Hungary

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	40025	35908	37371	36019	34626	30273
Combustible fuels	24788	19922	20887	19485	17842	13915
Hydro	213	228	188	222	213	213
Nuclear	14818	15426	15761	15685	15793	15370
Other	206	332	535	627	778	775
Main activity	39643	35555	36945	35323	34110	29661
Combustible fuels	24407	19570	20462	18790	17334	13360
Hydro	213	228	188	222	213	213
Nuclear	14818	15426	15761	15685	15793	15370
Other	205	331	534	626	770	718
Own use in electricity, CHP and heat plants	2642	2564	2758	2486	2284	2244
Net production	37383	33344	34613	33533	32342	28029
Imports	12774	10972	9897	14664	16970	16635
Exports	8871	5459	4702	8021	9003	4758
Losses	3888	3604	3801	3784	3684	3663
Consumption	37398	35253	36007	36358	34247	36263
Energy industries own use	3071	2103	1800	1818	1435	1407
By industry and construction	9905	8561	9784	9878	8910	14823
By transport	1194	1201	1106	1117	983	1227
By households and other cons.	23228	23388	23317	23545	22919	18806
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	8698	8867	8993	9654	9400	8418
Combustible fuels	6572	6670	6645	7264	7007	5987
Hydro	51	53	53	55	56	57
Nuclear	1940	1940	2000	2000	2000	2000
Other	135	204	295	335	337	374
Main activity	8578	8743	8843	9483	9287	8217
Combustible fuels	6453	6547	6497	7097	6906	5831
Hydro	51	53	53	55	56	57
Nuclear	1940	1940	2000	2000	2000	2000
Other	134	203	293	331	325	329
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	132048	124642	123634	132916	129920	131292
Biogas	412	537	845	1931	1608	2269
Gas-diesel oil	172	1591	301	473	645	129
Fuel oil	2828	5252	2788	889	768	566
Natural gas	157211	111963	120759	106501	92333	57652
Coke-oven gas	1153	507	927	1895	2162	1596
Blast furnace gas	2745	2360	3341	3038	2975	1246
Fuelwood	*23741	*26903	*27094	*19982	*16471	*17663
Municipal waste	3862	3860	4458	4030	3842	3923
Industrial waste	64	46	115	578	341	296
Others	5878	5909	7139	754	782	90
<b>Total input</b>	330114	283570	291400	272987	251846	216721
<b>Total production</b>	89237	71719	75193	70146	64231	50094
<b>Estimated efficiency (% of production to input)</b>	27	25	26	26	26	23

## Statistics on electricity

### Iceland

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	16467	16834	17059	17211	17549	18116
Combustible fuels	2	2	2	2	3	5
Hydro	12427	12279	12592	12507	12337	12863
Nuclear	..	..	..	..	..	..
Other	4038	4553	4465	4702	5209	5248
Main activity	16467	16834	17059	17211	17549	18116
Combustible fuels	2	2	2	2	3	5
Hydro	12427	12279	12592	12507	12337	12863
Nuclear	..	..	..	..	..	..
Other	4038	4553	4465	4702	5209	5248
Own use in electricity, CHP and heat plants	301	313	313	360	329	342
Net production	16166	16521	16746	16851	17220	17774
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	576	508	699	503	486	374
Consumption	15405	15825	15861	16152	16540	16987
Energy industries own use	164	166	154	142	166	166
By industry and construction	13056	13502	13498	13868	14201	14678
By transport	0	0	0	0	18	..
By households and other cons.	2185	2157	2209	2142	2155	2143
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2574	2571	2579	2669	2656	2765
Combustible fuels	120	121	121	120	114	114
Hydro	1879	1875	1883	1884	1877	1984
Nuclear	..	..	..	..	..	..
Other	575	575	575	665	665	667
Main activity	2574	2571	2579	2669	2656	2765
Combustible fuels	120	121	121	120	114	114
Hydro	1879	1875	1883	1884	1877	1984
Nuclear	..	..	..	..	..	..
Other	575	575	575	665	665	667
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Biogas	2	2	0	0	0	0
Gas-diesel oil	43	43	43	43	43	43
Fuel oil	0	0	0	0	0	..
Municipal waste	112	8	0	0	0	0
<b>Total input</b>	157	53	43	43	43	43
<b>Total production</b>	7	7	7	7	11	18
<b>Estimated efficiency (% of production to input)</b>	5	14	17	17	25	42

**Statistics on electricity**
**India**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	842531	899389	954539	973006	1035264	1193480
Combustible fuels	713481	773844	813787	836978	888538	980599
Hydro	114337	106909	114486	103741	113855	141637
Nuclear	14713	18636	26266	32287	32871	34228
Other	..	..	..	..	..	37016
Main activity	746626	796281	844846	844605	906863	1002743
Combustible fuels	617832	670965	704323	708806	760366	792477
Hydro	114081	106680	114257	103512	113626	141508
Nuclear	14713	18636	26266	32287	32871	34228
Other	..	..	..	..	..	34530
Own use in electricity, CHP and heat plants	49977	49706	52380	57238	*57238	81588
Net production	792554	849683	902159	915768	978026	1111892
Imports	5899	5359	5610	8441	5152	5598
Exports	327	519	584	0	0	0
Losses	159409	180321	146063	185193	185306	220257
Consumption	631574	682144	694392	772603	785130	897233
Energy industries own use	..	..	..	..	..	7178
By industry and construction	290027	326252	272589	346469	352291	374278
By transport	12138	12408	14003	14327	14206	15447
By households and other cons.	329409	343484	407800	411807	418633	500330
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	174947	187872	206526	236387	259854	*294873
Combustible fuels	133888	146388	164118	192556	215522	*226449
Hydro	36939	36924	37628	39051	39552	*40061
Nuclear	4120	4560	4780	4780	4780	4780
Other	..	..	0	0	0	*23583
Main activity	147966	159398	173626	199877	223344	*256786
Combustible fuels	106968	117975	131279	156107	179073	*190000
Hydro	36878	36863	37567	38990	39491	*40000
Nuclear	4120	4560	4780	4780	4780	4780
Other	..	..	0	0	0	*22006
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	9424559	10028873	9057993	10587494	11462734	11575351
Brown Coal	385588	390880	418586	448882	522312	*508704
Gas-diesel oil	14448	13029	7138	7224	9202	290293
Fuel oil	183214	184709	33249	26139	*19554	34906
Liquefied petroleum gas	..	..	..	..	..	142
Naphtha	51042	28436	18646	8322	15219	9568
Natural gas	469696	833684	920232	737965	501381	642401
Coke-oven gas	19457	19215	20340	20317	23260	25477
Fuelwood	*101100	*127644	*157824	*189684	*221496	*221900
Vegetal waste	*141000	*127644	*157824	*189684	*221496	*225681
<b>Total input</b>	10790104	11754113	10791832	12215711	12996653	13534422
<b>Total production</b>	2568532	2785838	2929633	3013121	3198737	3530156
<b>Estimated efficiency (% of production to input)</b>	24	24	27	25	25	26

**Statistics on electricity**
**Indonesia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	149437	157516	169570	182389	196181	216186
Combustible fuels	129612	136833	142752	160593	173957	189835
Hydro	11528	11384	17456	12419	12799	16930
Nuclear	..	..	..	..	..	..
Other	8297	9299	9362	9377	9425	9421
Main activity	148039	155721	151129	148622	155615	169036
Combustible fuels	129002	136119	125944	128934	135670	146602
Hydro	10740	10307	15827	10316	10525	13014
Nuclear	..	..	..	..	..	..
Other	8297	9295	9358	9372	9420	9420
Own use in electricity, CHP and heat plants	5380	5224	6273	6887	5791	5011
Net production	144057	152292	163297	175502	190390	211175
Imports	..	1262	2224	2542	2990	3030
Exports	..	..	..	..	..	..
Losses	15038	15210	15953	16672	17847	20701
Consumption	129018	137597	152805	160517	173991	196967
Energy industries own use	..	..	..	..	..	..
By industry and construction	47969	49219	56083	55375	60176	72153
By transport	81	111	89	88	108	129
By households and other cons.	80968	88267	96633	105054	113707	124685
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	31114	32507	*34244	*40903	53355	55725
Combustible fuels	25003	26251	*27972	*35743	47341	48756
Hydro	5059	5063	5078	*3945	4661	4992
Nuclear	..	..	..	..	..	..
Other	1052	1193	1194	1215	1353	1977
Main activity	26396	26595	*28530	*33979	45253	46788
Combustible fuels	21653	21710	*23629	*29323	39758	40322
Hydro	3691	3695	3710	*3445	4146	4491
Nuclear	..	..	..	..	..	..
Other	1052	1190	1191	1211	1349	1975
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	527765	557383	706791	1143198	1362653	1560332
Brown Coal	*148190	*210574	*113190	*112000	*112000	*112000
Gas-diesel oil	301000	221708	270556	335615	322113	258129
Fuel oil	120715	89526	62418	95869	60600	44521
Natural gas	254754	288561	294735	383947	479651	533975
Fuelwood	*846	*1134	*1674	*3006	*2592	*4104
Charcoal	..	..	..	..	..	2183
<b>Total input</b>	1353270	1368887	1449364	2073635	2339609	2515244
<b>Total production</b>	466603	492599	513907	578135	626245	683406
<b>Estimated efficiency (% of production to input)</b>	34	36	35	28	27	27

**Statistics on electricity**
**Iran (Islamic Rep. of)**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	214530	221372	232965	240052	254276	262434
Combustible fuels	209331	213912	223266	227428	239752	242909
Hydro	5003	7233	9526	12058	12447	14582
Nuclear	..	..	..	327	1847	4546
Other	196	227	173	239	230	397
Main activity	208439	213822	225386	230216	243536	255885
Combustible fuels	203240	206362	215687	217592	229012	236360
Hydro	5003	7233	9526	12058	12447	14582
Nuclear	..	..	..	327	1847	4546
Other	196	227	173	239	230	397
Own use in electricity, CHP and heat plants	8354	8487	8100	8482	8558	9137
Net production	206176	212885	224865	231570	245718	253297
Imports	1684	2068	3015	3656	3897	3707
Exports	3875	6152	6707	8668	11029	11586
Losses	37621	34547	33062	34906	36794	38049
Consumption	166364	174253	188141	191698	201793	208335
Energy industries own use	*2097	*2051	2083	2240	2391	2705
By industry and construction	54685	58368	63060	69143	71989	72852
By transport	246	282	300	354	371	323
By households and other cons.	109335	113551	122699	119961	127041	132455
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	55631	60737	66483	70356	74475	75816
Combustible fuels	47869	52940	57896	60485	63596	64413
Hydro	7673	7705	8488	8746	9746	10266
Nuclear	..	..	..	1020	1020	1020
Other	90	92	100	105	113	117
Main activity	52971	56506	61460	65222	68894	70235
Combustible fuels	45209	48709	52872	55351	58015	58832
Hydro	7673	7705	8488	8746	9746	10266
Nuclear	..	..	..	1020	1020	1020
Other	90	92	100	105	113	117
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	189329	212162	254517	404458	334024	290783
Fuel oil	360004	385456	357904	485568	583780	616625
Natural gas	1693941	1693667	1751653	1517956	1587843	1430042
Coke-oven gas	229	106	0	0	0	35
Blast furnace gas	7444	7336	7028	8480	7980	9088
<b>Total input</b>	2250947	2298727	2371101	2416462	2513627	2346573
<b>Total production</b>	753592	770082	803756	818741	863107	874472
<b>Estimated efficiency (% of production to input)</b>	33	34	34	34	34	37



**Statistics on electricity**
**Iraq**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	36780	46065	48909	54240	61704	73556
Combustible fuels	33295	42837	44142	50100	56280	67766
Hydro	3485	3228	4767	4140	5424	5790
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	36780	46065	48909	54240	61704	73556
Combustible fuels	33295	42837	44142	50100	56280	67766
Hydro	3485	3228	4767	4140	5424	5790
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2329	2454	2411	0	0	0
Net production	34451	43611	46498	54240	61704	73556
Imports	2973	5604	6722	7262	8201	9246
Exports	..	..	..	..	..	..
Losses	18022	18425	*18425	18854	21596	22067
Consumption	25832	35973	40038	42648	48309	60735
Energy industries own use	..	..	..	..	..	..
By industry and construction	4446	5311	5567	8743	8557	10294
By transport	..	..	..	..	..	..
By households and other cons.	21386	30662	34471	33905	39752	50441
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	13079	14384	14171	16952	16952	27110
Combustible fuels	10566	11871	11658	14439	14439	24597
Hydro	2513	2513	2513	2513	2513	2513
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	13079	14384	14171	16952	16952	27110
Combustible fuels	10566	11871	11658	14439	14439	24597
Hydro	2513	2513	2513	2513	2513	2513
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Crude oil	91580	144074	133710	132780	125039	191788
Gas-diesel oil	..	..	..	217623	289089	333508
Fuel oil	109928	141723	162974	213837	282962	306596
Naphtha	4851	4806	3872	0	0	..
Natural gas	104473	118486	144506	221803	218273	264307
<b>Total input</b>	310831	409089	445061	786043	915362	1096199
<b>Total production</b>	119862	154213	158911	180360	202608	243958
<b>Estimated efficiency (% of production to input)</b>	39	38	36	23	22	22

## Statistics on electricity

### Ireland

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	30239	28313	28602	27472	27596	26122
Combustible fuels	26529	24101	25011	22385	22572	20657
Hydro	1300	1257	776	707	1014	923
Nuclear	..	..	..	..	..	..
Other	2410	2955	2815	4380	4010	4542
Main activity	28360	26480	26655	25510	25472	24064
Combustible fuels	24650	22268	23064	20423	20448	18599
Hydro	1300	1257	776	707	1014	923
Nuclear	..	..	..	..	..	..
Other	2410	2955	2815	4380	4010	4542
Own use in electricity, CHP and heat plants	1321	1188	1162	1109	1121	1025
Net production	28918	27125	27440	26363	26475	25097
Imports	753	939	760	732	784	2508
Exports	303	175	290	242	370	388
Losses	2222	2101	2117	2052	2022	2023
Consumption	27345	26010	25923	25086	24733	24990
Energy industries own use	671	742	503	215	570	789
By industry and construction	7977	8598	9104	9484	9161	9287
By transport	54	45	46	45	45	42
By households and other cons.	18643	16625	16270	15342	14957	14872
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	7229	7432	8310	8587	8588	8796
Combustible fuels	5673	5640	6407	6427	6295	6326
Hydro	526	526	529	529	529	529
Nuclear	..	..	..	..	..	..
Other	1030	1266	1374	1631	1764	1941
Main activity	6938	7131	8001	8260	8256	8460
Combustible fuels	5382	5339	6098	6100	5963	5990
Hydro	526	526	529	529	529	529
Nuclear	..	..	..	..	..	..
Other	1030	1266	1374	1631	1764	1941
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	42596	33721	37900	39964	50826	42518
Peat	29963	31486	26167	24937	30236	26518
Biogas	1861	1994	2095	2014	1974	1721
Gas-diesel oil	473	344	1075	344	301	172
Fuel oil	14100	8282	4323	1697	1656	1414
Refinery gas	248	248	297	297	446	198
Natural gas	130485	128079	140430	115994	105362	97416
Fuelwood	*252	*558	*1020	*1276	*1718	*2141
Municipal waste	..	..	..	..	1799	2044
<b>Total input</b>	219977	204711	213307	186523	194318	174142
<b>Total production</b>	95504	86764	90040	80586	81259	74365
<b>Estimated efficiency (% of production to input)</b>	43	42	42	43	42	43

## Statistics on electricity

### Isle of Man

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	503	533	498	499	296	*504
Combustible fuels	500	529	495	496	292	*500
Hydro	3	3	3	3	4	*4
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	503	533	498	499	296	*504
Combustible fuels	500	529	495	496	292	*500
Hydro	3	3	3	3	4	*4
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	*54
Net production	503	533	498	499	296	*450
Imports	31	19	45	41	180	*50
Exports	96	114	108	115	48	77
Losses	48	48	48	47	47	*50
Consumption	390	389	387	377	381	373
Energy industries own use	..	..	..	..	..	..
By industry and construction	135	133	137	133	134	137
By transport	..	..	..	..	..	..
By households and other cons.	255	256	250	244	247	236
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	186	182	180	180	180	186
Combustible fuels	185	181	179	179	179	185
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	186	182	180	180	180	186
Combustible fuels	185	181	179	179	179	185
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	145	93	93	96	66	*121
Natural gas	3366	3569	3386	3375	1918	*3587
Municipal waste	*325	*449	*407	*429	*436	*440
<b>Total input</b>	3836	4111	3886	3900	2420	*4148
<b>Total production</b>	1800	1905	1782	1784	1049	*1800
<b>Estimated efficiency (% of production to input)</b>	47	46	46	46	43	43

## Statistics on electricity

### Israel

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	57002	55008	58591	59679	63003	59941
Combustible fuels	56757	54683	58450	59371	62595	59418
Hydro	16	24	31	29	33	28
Nuclear	..	..	..	..	..	..
Other	229	301	110	279	375	495
Main activity	55176	53192	56873	57855	61488	58562
Combustible fuels	55164	53155	56812	57819	61453	58533
Hydro	12	20	27	24	29	23
Nuclear	..	..	..	..	..	..
Other	..	17	34	12	6	6
Own use in electricity, CHP and heat plants	3975	4467	4875	4962	5252	3103
Net production	53027	50541	53716	54717	57751	56838
Imports	..	..	..	..	..	..
Exports	3666	3783	3966	4222	4434	4677
Losses	1195	1761	1616	1640	1736	2404
Consumption	47774	45443	49103	49512	52223	50623
Energy industries own use	..	..	384	556	419	478
By industry and construction	12506	10533	12488	12015	12448	11546
By transport	..	..	..	..	..	..
By households and other cons.	35268	34910	36231	36941	39356	38599
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	12016	12264	13058	13990	14413	15017
Combustible fuels	12002	12166	12940	13662	14163	14583
Hydro	5	7	7	7	7	8
Nuclear	..	..	..	..	..	..
Other	9	91	111	321	243	426
Main activity	12005	11857	12583	13305	13746	14092
Combustible fuels	12002	11846	12547	13269	13735	14080
Hydro	3	5	5	5	5	6
Nuclear	..	..	..	..	..	..
Other	..	6	31	31	6	6
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	326938	317624	317288	321236	361716	298016
Brown Coal	..	0	0	2310	2156	2408
Biogas	110	115	347	391	777	852
Oil shale	3800	3952	3845	3702	3765	..
Gas-diesel oil	29928	8686	8815	27133	83893	12943
Fuel oil	26422	14867	15110	13615	46339	6504
Other oil products	..	..	..	26009	24160	24160
Natural gas	134699	155310	193347	171628	76692	210485
Fuelwood	..	*448	*367	*411	0	0
<b>Total input</b>	521897	501002	539119	566435	599498	555368
<b>Total production</b>	204325	196859	210420	213736	225342	213905
<b>Estimated efficiency (% of production to input)</b>	39	39	39	38	38	39

## Statistics on electricity

### Italy

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	319131	292640	302063	302582	299277	289807
Combustible fuels	260414	226033	230472	227711	216811	192237
Hydro	47227	53443	54406	47757	43854	54672
Nuclear	..	..	..	..	..	..
Other	11490	13164	17185	27114	38612	42898
Main activity	300365	272365	278197	279019	283220	273734
Combustible fuels	243074	207033	208049	205528	201786	177113
Hydro	46351	52554	53479	46889	43281	54045
Nuclear	..	..	..	..	..	..
Other	10940	12778	16669	26602	38153	42576
Own use in electricity, CHP and heat plants	12066	11534	11316	11141	11475	10974
Net production	307065	281106	290747	291441	287802	278833
Imports	43433	47070	45987	47519	45407	44338
Exports	3398	2111	1827	1787	2304	2200
Losses	20444	20352	20570	20848	21000	21187
Consumption	326654	305713	314336	316330	309911	299784
Energy industries own use	17337	15697	15023	14502	13169	12386
By industry and construction	141646	120607	127868	128076	120323	114981
By transport	10839	10535	10666	10793	10759	10775
By households and other cons.	156832	158874	160779	162959	165660	161642
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	98626	101447	106488	118443	124234	124750
Combustible fuels	72407	73041	74658	75977	76793	74733
Hydro	21276	21371	21520	21737	21880	22009
Nuclear	..	..	..	..	..	..
Other	4943	7035	10310	20729	25561	28008
Main activity	93057	95333	100325	112667	120039	120448
Combustible fuels	67154	67231	68797	70501	72852	70664
Hydro	21090	21195	21348	21568	21752	21890
Nuclear	..	..	..	..	..	..
Other	4813	6907	10180	20598	25435	27894
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	436510	377944	378125	425055	442393	419972
Biogas	17165	17863	21184	46073	47476	74133
Fuel oil	184426	155217	87628	68034	51510	41006
Refinery gas	32522	31730	34403	37472	36927	32274
Other oil products	162368	108821	167634	148619	139534	105163
Natural gas	1440974	1229672	1295794	1225420	1112248	938888
Blast furnace gas	36849	22107	29591	34635	31494	23404
Fuelwood	*37567	*39573	*35670	*55439	*59714	*78399
Municipal waste	53511	57442	65178	70588	67560	69302
Other liquid biofuels	521	8987	17892	16276	18796	22632
Others	44375	50168	46413	46857	47529	32500
<b>Total input</b>	2446787	2099524	2179511	2174467	2055181	1837674
<b>Total production</b>	937490	813719	829699	819760	780520	692053
<b>Estimated efficiency (% of production to input)</b>	38	39	38	38	38	38

**Statistics on electricity**
**Jamaica**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	4499	4208	4217	4171	4156	4256
Combustible fuels	4292	3999	4012	3926	3898	4017
Hydro	158	158	152	152	151	124
Nuclear	..	..	..	..	..	..
Other	49	51	53	92	108	115
Main activity	3144	2880	2807	2760	2615	2343
Combustible fuels	2986	2722	2656	2607	2464	2218
Hydro	158	158	152	152	151	124
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	173	211	16	36	44	115
Net production	4327	3996	4201	4135	4113	4141
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1002	930	902	962	1033	1097
Consumption	3328	3067	3301	3176	3081	*3039
Energy industries own use	..	..	..	..	..	..
By industry and construction	1228	1131	1059	1020	989	*984
By transport	..	..	..	..	..	..
By households and other cons.	2100	1935	2242	2156	2092	*2055
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	813	815	819	840	905	939
Combustible fuels	770	772	776	776	841	867
Hydro	22	23	23	23	23	30
Nuclear	..	..	..	..	..	..
Other	21	21	21	42	42	42
Main activity	596	598	608	611	611	645
Combustible fuels	574	576	586	586	586	612
Hydro	22	23	23	23	23	30
Nuclear	..	..	..	..	..	..
Other	..	..	0	3	3	3
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	10327	10523	10018	10232	9779	7860
Fuel oil	29145	29862	29862	29143	26281	26433
<b>Total input</b>	39473	40385	39880	39375	36060	34294
<b>Total production</b>	15453	14395	14442	14135	14031	14461
<b>Estimated efficiency (% of production to input)</b>	39	36	36	36	39	42

## Statistics on electricity

### Japan

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1082549	1050326	1117123	1051281	1034328	1045293
Combustible fuels	732970	677484	727762	845298	920334	929027
Hydro	83504	83832	90682	91709	83645	84886
Nuclear	258128	279750	288230	101761	15939	9303
Other	7947	9260	10449	12513	14410	22077
Main activity	957889	925391	974813	907894	890879	890881
Combustible fuels	621286	568399	609841	729016	804867	810329
Hydro	75914	74539	74175	74378	67360	68564
Nuclear	258128	279750	288230	101761	15939	9303
Other	2561	2703	2567	2739	2713	2685
Own use in electricity, CHP and heat plants	42095	40921	42373	37850	40737	37908
Net production	1040454	1009405	1074750	1013431	993591	1007385
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	51312	50526	49387	49007	45380	47518
Consumption	988004	957789	1024253	964916	964974	972848
Energy industries own use	23590	21829	24489	23944	24461	22612
By industry and construction	309901	289061	326364	277054	268385	271223
By transport	18829	18815	18917	18252	18157	18335
By households and other cons.	635684	628084	654483	645666	653971	660678
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	280534	284486	287027	292058	295193	302711
Combustible fuels	180826	183237	183882	186810	190405	192759
Hydro	47341	47243	47736	48418	48934	48932
Nuclear	47935	48847	48960	48960	46148	44264
Other	4432	5159	6449	7870	9706	16756
Main activity	234330	237773	227997	229908	231220	231467
Combustible fuels	140023	142574	135070	136132	139795	141901
Hydro	45871	45840	43367	44168	44652	44676
Nuclear	47935	48847	48960	48960	46148	44264
Other	501	512	600	648	625	626
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	2363796	2252056	2356082	2255617	2422594	2670764
Crude oil	288571	131765	172119	418389	487381	418685
Fuel oil	560792	355843	367882	596425	745016	603010
Refinery gas	64449	61628	61677	59994	59301	70637
Natural gas	2410378	2409107	2510830	3147226	3322164	3356427
Coke-oven gas	71946	68405	77310	67201	70309	76270
Blast furnace gas	187726	185195	225927	209503	224027	237881
Vegetal waste	0	0	*110429	*116418	*123311	*129642
Municipal waste	59548	58929	48684	52125	52035	53610
Black liquor	*87834	*75480	*82658	*77620	*87230	*90572
Others	215724	199617	212334	235459	253201	222293
<b>Total input</b>	6310764	5798025	6225932	7235977	7846569	7929792
<b>Total production</b>	2638692	2438942	2619943	3043073	3313202	3344497
<b>Estimated efficiency (% of production to input)</b>	42	42	42	42	42	42

## Statistics on electricity

### Jersey

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	38	64	56	46	*47	*47
Combustible fuels	38	64	56	46	*47	*47
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	21	46	41	13	*13	*13
Combustible fuels	21	46	41	13	*13	*13
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	38	64	56	46	*47	*47
Imports	677	661	669	700	*714	*729
Exports	..	..	..	..	..	..
Losses	61	74	77	67	*67	*67
Consumption	652	655	649	677	*692	*707
Energy industries own use	..	..	..	..	..	..
By industry and construction	285	286	285	297	*303	*309
By transport	..	..	..	..	..	..
By households and other cons.	367	369	364	380	*389	*398
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	217	*217	*217	*219	*219	*219
Combustible fuels	217	*217	*217	*219	*219	*219
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	212	*212	*212	*212	*212	*212
Combustible fuels	212	*212	*212	*212	*212	*212
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*212	*129	*106	0	0	0
Fuel oil	*40	*343	*408	*40	*40	*40
Municipal waste	*238	*238	*238	679	*686	*693
<b>Total input</b>	*491	*710	*752	720	*727	*733
<b>Total production</b>	138	230	203	165	*167	*170
<b>Estimated efficiency (% of production to input)</b>	28	32	27	23	23	23



**Statistics on electricity**
**Jordan**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	14160	14272	14777	14647	16596	17263
Combustible fuels	14095	14210	14713	14589	16532	17205
Hydro	62	59	61	55	61	55
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	3
Main activity	13829	14009	14486	14390	16355	16977
Combustible fuels	13764	13947	14422	14332	16291	16919
Hydro	62	59	61	55	61	55
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	3
Own use in electricity, CHP and heat plants	614	536	544	616	619	616
Net production	13546	13736	14233	14031	15977	16647
Imports	547	383	670	1738	784	381
Exports	323	139	58	86	104	59
Losses	1930	2024	1989	2148	2383	2406
Consumption	11789	12247	12919	13599	14352	14571
Energy industries own use	104	99	82	103	107	99
By industry and construction	3024	2907	3242	3446	3431	3425
By transport	..	..	..	..	..	..
By households and other cons.	8661	9241	9595	10050	10814	11047
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2670	2948	3178	3715	3715	*3715
Combustible fuels	2654	2932	3162	3687	3687	*3687
Hydro	12	12	12	12	12	*12
Nuclear	..	..	..	..	..	..
Other	4	4	4	16	16	*16
Main activity	2471	2749	2979	3516	3516	*3516
Combustible fuels	2455	2733	2963	3488	3488	*3488
Hydro	12	12	12	12	12	*12
Nuclear	..	..	..	..	..	..
Other	4	4	4	16	16	*16
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Biogas	108	84	108	96	72	72
Gas-diesel oil	581	654	3844	40755	64999	58961
Fuel oil	22155	13086	34728	52354	54649	53887
Natural gas	126772	143542	106470	40598	30652	37961
Fuelwood	0	0	0	0	0	0
<b>Total input</b>	149616	157365	145150	133804	150372	150881
<b>Total production</b>	50742	51156	52967	52520	59515	61938
<b>Estimated efficiency (% of production to input)</b>	34	33	36	39	40	41

**Statistics on electricity**
**Kazakhstan**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	80327	78710	82646	86586	91207	95368
Combustible fuels	72867	71831	74624	78703	83567	87631
Hydro	7460	6879	8022	7883	7637	7731
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	3	6
Main activity	80327	78710	82646	86586	91207	95367
Combustible fuels	72867	71831	74624	78703	83567	87631
Hydro	7460	6879	8022	7883	7637	7731
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	3	5
Own use in electricity, CHP and heat plants	15277	15041	14788	10165	10575	9619
Net production	65050	63669	67858	76421	80632	85749
Imports	2768	1710	2105	3406	4252	2147
Exports	2483	2378	1560	1809	2933	2996
Losses	7114	6472	6612	6479	7142	11174
Consumption	64393	58142	63017	71296	76307	73896
Energy industries own use	5286	6257	5623	6544	7114	7611
By industry and construction	35722	35943	40121	44372	49846	44838
By transport	5371	2730	3124	3945	3352	2960
By households and other cons.	18014	13212	14149	16435	15995	18487
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*18734	*18734	*18734	*18734	*18736	*18738
Combustible fuels	*16517	*16517	*16517	*16517	*16517	*16517
Hydro	*2217	*2217	*2217	*2217	*2217	*2217
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	*2	*4
Main activity	*18734	*18734	*18734	*18734	*18736	*18738
Combustible fuels	*16517	*16517	*16517	*16517	*16517	*16517
Hydro	*2217	*2217	*2217	*2217	*2217	*2217
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	*2	*4
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	1134478	955684	1009012	1067785	1134865	1213942
Brown Coal	10360	23786	26544	23548	8526	588
Crude oil	4991	85	..	..	..	..
Fuel oil	32239	10625	7514	6585	7838	7151
Natural gas	93787	146934	83969	90739	153271	108738
<b>Total input</b>	1275855	1137113	1127040	1188657	1304499	1330418
<b>Total production</b>	262321	258592	268646	283331	300841	315472
<b>Estimated efficiency (% of production to input)</b>	21	23	24	24	23	24

**Statistics on electricity**
**Kenya**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	6456	6507	6976	7560	7852	8448
Combustible fuels	2149	3047	2293	2882	2305	2218
Hydro	3267	2160	3224	3217	4016	4435
Nuclear	..	..	..	..	..	..
Other	1039	1300	1459	1461	1530	1796
Main activity	6456	6507	6976	7560	7852	8448
Combustible fuels	2149	3047	2293	2882	2305	2218
Hydro	3267	2160	3224	3217	4016	4435
Nuclear	..	..	..	..	..	..
Other	1039	1300	1459	1461	1530	1796
Own use in electricity, CHP and heat plants	25	39	30	34	39	49
Net production	6431	6468	6946	7526	7812	8399
Imports	25	39	30	34	39	49
Exports	41	27	30	37	33	36
Losses	1062	1052	1192	1249	1404	1476
Consumption	5704	5767	5729	6500	6760	7296
Energy industries own use	..	..	..	..	..	..
By industry and construction	3341	3375	3401	3636	3686	4438
By transport	..	..	..	..	..	..
By households and other cons.	2363	2392	2328	2864	3074	2858
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1326	1314	1418	1540	1611	1723
Combustible fuels	421	424	495	609	637	715
Hydro	747	730	728	735	770	767
Nuclear	..	..	..	..	..	..
Other	*158	160	195	197	204	242
Main activity	1326	1314	1418	1540	1611	1723
Combustible fuels	421	424	495	609	637	715
Hydro	747	730	728	735	770	767
Nuclear	..	..	..	..	..	..
Other	*158	160	195	197	204	242
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	10707	10320	10578	15308	12255	12943
Fuel oil	20038	13413	18140	15473	12403	6464
Vegetal waste	16800	16800	16800	*16800	*16800	16800
<b>Total input</b>	47545	40533	45518	47581	41458	36207
<b>Total production</b>	7738	10969	8255	10373	8299	7984
<b>Estimated efficiency (% of production to input)</b>	16	27	18	22	20	22

## Statistics on electricity

### Kiribati

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	23	*22	*24	*24	*24	*24
Combustible fuels	23	*22	*24	*24	*24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	23	*22	*24	*24	*24	*24
Combustible fuels	23	*22	*24	*24	*24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	*1	*1	*1	*1	*1
Net production	21	*21	*23	*23	*23	*23
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	21	*21	*23	*23	*23	*23
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	21	*21	*23	*23	*23	*23
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*6	*6	*6	*6	*6	*6
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
Main activity	*6	*6	*6	*6	*6	*6
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	263	258	282	*282	*282	*280
<b>Total input</b>	263	258	282	*282	*282	*280
<b>Total production</b>	81	*79	*87	*87	*87	*87
<b>Estimated efficiency (% of production to input)</b>	31	31	31	31	31	31

Statistics on electricity

Korea, Dem.Ppl's.Rep.

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	23206	21129	21665	19227	19236	19524
Combustible fuels	9138	8629	8265	6027	5736	5822
Hydro	14068	12500	13400	13200	13500	13702
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	23206	21129	21665	19227	19236	19524
Combustible fuels	9138	8629	8265	6027	5736	5822
Hydro	14068	12500	13400	13200	13500	13702
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2201	2004	2055	1824	1825	1852
Net production	21005	19125	19610	17403	17411	17672
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	3668	3340	3425	3040	3041	3088
Consumption	17337	15785	16185	14363	14370	14584
Energy industries own use	..	..	..	..	..	..
By industry and construction	8669	7893	8093	7182	7185	7292
By transport	..	..	..	..	..	..
By households and other cons.	8668	7892	8092	7181	7185	7292
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*9500	*9500	*9500	*9500	*9500	*9500
Combustible fuels	*4500	*4500	*4500	*4500	*4500	*4500
Hydro	*5000	*5000	*5000	*5000	*5000	*5000
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*9500	*9500	*9500	*9500	*9500	*9500
Combustible fuels	*4500	*4500	*4500	*4500	*4500	*4500
Hydro	*5000	*5000	*5000	*5000	*5000	*5000
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	96776	96879	89836	61662	62694	63623
Brown Coal	9478	9114	8736	6146	5894	5978
Fuel oil	14140	10787	10302	11150	9979	10140
<b>Total input</b>	120394	116780	108874	78958	78567	79741
<b>Total production</b>	32897	31064	29754	21697	20650	20959
<b>Estimated efficiency (% of production to input)</b>	27	27	27	27	26	26

**Statistics on electricity**
**Korea, Republic of**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	446428	454504	499508	523286	534618	541996
Combustible fuels	289111	299668	342502	358505	374116	390858
Hydro	5563	5641	6472	7831	7652	8394
Nuclear	150958	147771	148596	154723	150327	138784
Other	796	1424	1938	2227	2523	3960
Main activity	420363	430618	471026	493596	503660	513833
Combustible fuels	263206	275939	314284	329200	343479	363146
Hydro	5563	5641	6472	7831	7652	8394
Nuclear	150958	147771	148596	154723	150327	138784
Other	636	1267	1674	1842	2202	3509
Own use in electricity, CHP and heat plants	17767	19526	19116	20136	20272	20526
Net production	428661	434978	480392	503150	514346	521470
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	16106	16770	18034	17430	17292	18311
Consumption	411285	418403	462136	485215	497357	503570
Energy industries own use	11688	12704	12791	14602	15952	16445
By industry and construction	200292	199326	228120	246046	250643	255697
By transport	2220	2174	2191	2246	2250	2168
By households and other cons.	197085	204199	219034	222321	228512	229260
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	79860	80611	84700	84654	94282	91997
Combustible fuels	55977	56482	60389	58303	65538	62565
Hydro	5505	5515	5525	6418	6447	6454
Nuclear	17716	17716	17716	18716	20716	20716
Other	662	898	1070	1217	1581	2262
Main activity	74154	74722	79102	78952	87465	85659
Combustible fuels	50440	50706	54913	52800	59086	56730
Hydro	5505	5515	5525	6418	6447	6454
Nuclear	17716	17716	17716	18716	20716	20716
Other	493	785	948	1018	1216	1759
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	1689642	1912219	2014464	2130022	2161498	2162169
Brown Coal	44240	49882	71260	59010	29582	25242
Fuel oil	90496	126088	114736	84274	132754	139663
Naphtha	67996	58740	73025	76051	81613	46903
Petroleum coke	..	..	715	1625	4128	8840
Natural gas	661791	572789	831449	928420	1027978	1054747
Coke-oven gas	12636	11010	24788	31841	22352	23544
Blast furnace gas	91817	78103	110292	135788	119240	102556
Municipal waste	9375	7391	7153	11687	10892	7788
Other recovered gases	13314	8550	11795	15145	15976	14983
Others	10386	11784	15255	28146	27926	27982
<b>Total input</b>	2691693	2836556	3274932	3502009	3633940	3614417
<b>Total production</b>	1040800	1078805	1233007	1290618	1346818	1407089
<b>Estimated efficiency (% of production to input)</b>	39	38	38	37	37	39

## Statistics on electricity

### Kuwait

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	51749	53216	57029	57457	62655	60982
Combustible fuels	51749	53216	57029	57457	62655	60982
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	51749	53216	57029	57457	62655	60982
Combustible fuels	51749	53216	57029	57457	62655	60982
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	6515	6615	6896	6948	7577	7375
Net production	45234	46601	50133	50509	55078	53607
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	6514	6615	6893	7082	8893	7398
Consumption	38720	39986	43240	43427	46185	46209
Energy industries own use	5428	5592	6016	6045	6451	6430
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	33292	34394	37224	37382	39734	39779
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	10944	12679	12679	14803	14803	15719
Combustible fuels	10944	12679	12679	14803	14803	15719
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	10848	12579	12579	14703	14703	15619
Combustible fuels	10848	12579	12579	14703	14703	15619
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Crude oil	51183	116113	103804	112560	95725	71825
Gas-diesel oil	40119	41237	52374	52761	57534	55986
Fuel oil	338229	347804	266317	268296	292577	284780
Natural gas	157958	165879	225651	249590	259312	256730
<b>Total input</b>	587489	671033	648146	683208	705148	669321
<b>Total production</b>	186296	191578	205304	206845	225558	219535
<b>Estimated efficiency (% of production to input)</b>	32	29	32	30	32	33

**Statistics on electricity**
**Kyrgyzstan**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	11789	11083	12100	15158	15168	14011
Combustible fuels	1665	866	992	1019	989	914
Hydro	10124	10217	11108	14139	14179	13097
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	11789	11083	12100	15158	15168	14004
Combustible fuels	1665	866	992	1019	989	907
Hydro	10124	10217	11108	14139	14179	13097
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	251	265	281	287	305	199
Net production	11538	10818	11819	14871	14863	13812
Imports	102	52	116	174	177	..
Exports	868	1251	1828	2848	1840	377
Losses	3690	2758	2915	3389	3361	2841
Consumption	7078	6852	7078	8712	9591	10322
Energy industries own use	..	..	..	..	..	55
By industry and construction	2028	1893	1764	2000	1985	1464
By transport	..	..	..	..	..	41
By households and other cons.	5050	4959	5314	6712	7606	8762
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	3741	3741	3860	*3860	*3860	3860
Combustible fuels	796	796	795	*795	*795	795
Hydro	2945	2945	3065	*3065	*3065	3065
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3740	3740	3859	*3859	*3859	3859
Combustible fuels	796	796	795	*795	*795	795
Hydro	2944	2944	3064	*3064	*3064	3064
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	25568	23375	19092	20950	22549	12384
Brown Coal	..	..	..	..	..	4438
Gas-diesel oil	129	43	43	43	0	..
Fuel oil	1172	4888	2464	2747	2222	1252
Natural gas	8865	3211	3621	2521	3254	382
<b>Total input</b>	35733	31517	25220	26261	28025	18456
<b>Total production</b>	5994	3118	3571	3668	3560	3290
<b>Estimated efficiency (% of production to input)</b>	17	10	14	14	13	18



**Statistics on electricity**
**Lao People's Dem. Rep.**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	4172	3874	3755	3802	*3802	4471
Combustible fuels	*300	*300	*300	*300	*300	*300
Hydro	3678	3381	3262	3309	*3309	3976
Nuclear	..	..	..	..	..	..
Other	*193	*193	*193	*193	*193	*195
Main activity	3978	3681	3562	3609	*3609	4276
Combustible fuels	*300	*300	*300	*300	*300	*300
Hydro	3678	3381	3262	3309	*3309	3976
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	495
Net production	4172	3874	3755	3802	*3802	3976
Imports	515	819	999	748	*748	1205
Exports	2277	1939	2020	*2020	*2020	876
Losses	*244	*198	*167	*211	*211	405
Consumption	1578	1901	2228	2399	2853	3363
Energy industries own use	..	..	..	..	..	..
By industry and construction	365	404	495	584	681	1118
By transport	..	..	..	..	..	..
By households and other cons.	1212	1498	1734	1815	2172	2245
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	907	2031	2746	2796	3199	3206
Combustible fuels	*50	*50	*50	*50	*50	*50
Hydro	681	1805	2520	2570	2973	2980
Nuclear	..	..	..	..	..	..
Other	*176	*176	*176	*176	*176	*176
Main activity	731	1855	2570	2620	3023	3030
Combustible fuels	*50	*50	*50	*50	*50	*50
Hydro	681	1805	2520	2570	2973	2980
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	*2451	*2451	*2457	*2457	*2457	*2451
Fuel oil	*889	*889	*889	*889	*889	*889
<b>Total input</b>	*3340	*3340	*3346	*3346	*3346	*3340
<b>Total production</b>	*1080	*1080	*1080	*1080	*1080	*1080
<b>Estimated efficiency (% of production to input)</b>	32	32	32	32	32	32

## Statistics on electricity

### Latvia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	5274	5569	6627	6095	6168	6209
Combustible fuels	2106	2062	3058	3137	2347	3177
Hydro	3109	3457	3520	2887	3707	2912
Nuclear	..	..	..	..	..	..
Other	59	50	49	71	114	120
Main activity	5199	5494	6544	6007	5984	5952
Combustible fuels	2045	1999	2990	3058	2170	2926
Hydro	3097	3449	3510	2878	3700	2909
Nuclear	..	..	..	..	..	..
Other	57	46	44	71	114	117
Own use in electricity, CHP and heat plants	368	378	558	531	449	409
Net production	4906	5191	6069	5564	5719	5800
Imports	4643	4259	3973	4009	4935	5005
Exports	2123	2605	3100	2764	3244	3650
Losses	798	741	725	616	559	575
Consumption	6628	6103	6215	6191	6848	6576
Energy industries own use	..	..	..	..	..	..
By industry and construction	1685	1506	1590	1670	1993	1808
By transport	138	121	126	124	129	124
By households and other cons.	4805	4476	4499	4397	4726	4644
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2155	2502	2557	2577	2660	2911
Combustible fuels	591	937	951	965	1023	1255
Hydro	1536	1536	1576	1576	1576	1589
Nuclear	..	..	..	..	..	..
Other	28	29	30	36	61	67
Main activity	2132	2478	2534	2550	2618	2859
Combustible fuels	575	921	935	944	984	1205
Hydro	1531	1531	1571	1571	1573	1587
Nuclear	..	..	..	..	..	..
Other	26	26	28	35	61	67
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	361	439	387	387	490	439
Peat	0	0	0	0	0	39
Biogas	290	310	439	768	1890	2365
Gas-diesel oil	0	0	0	0	0	0
Fuel oil	202	323	202	202	162	121
Other oil products	0	0	0	0	0	..
Natural gas	27413	26708	34695	32210	28994	33458
Fuelwood	656	649	764	819	1837	2668
Biodiesel	0	0	0	37	37	..
<b>Total input</b>	28922	28429	36487	34423	33410	39090
<b>Total production</b>	7582	7423	11009	11293	8449	11437
<b>Estimated efficiency (% of production to input)</b>	26	26	30	33	25	29

**Statistics on electricity**
**Lebanon**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	13356	13771	15712	16365	14826	18153
Combustible fuels	12983	13149	14873	15560	13819	16953
Hydro	373	622	839	805	1007	1200
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	10627	10810	11212	11615	8826	11153
Combustible fuels	10254	10188	10373	10810	7819	9953
Hydro	373	622	839	805	1007	1200
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	13356	13771	15712	16365	14826	18153
Imports	561	1155	1245	840	323	529
Exports	..	..	..	..	..	..
Losses	1678	1789	1869	1868	1372	1795
Consumption	12238	13137	15088	15337	13776	17174
Energy industries own use	..	..	..	..	..	..
By industry and construction	3212	3448	3961	4026	3616	4508
By transport	..	..	..	..	..	..
By households and other cons.	9026	9689	11127	11311	10160	12666
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*2858	2908	3212	3209	3209	3209
Combustible fuels	*2584	2634	2938	2988	2988	2988
Hydro	*274	274	*274	221	221	221
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*2308	2308	2312	2259	2259	2259
Combustible fuels	*2034	2034	2038	2038	2038	2038
Hydro	*274	274	*274	221	221	221
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	80883	77701	86774	102641	115455	118981
Fuel oil	43511	49611	51833	47955	39915	47793
Natural gas	0	1931	9867	0	0	..
<b>Total input</b>	124394	129243	148474	150596	155370	166774
<b>Total production</b>	46739	47336	53543	56016	49748	61031
<b>Estimated efficiency (% of production to input)</b>	38	37	36	37	32	37

**Statistics on electricity**
**Lesotho**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	517	532	567	549	485	515
Combustible fuels	..	..	..	..	..	..
Hydro	517	532	567	549	485	515
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	517	532	567	549	485	515
Combustible fuels	..	..	..	..	..	..
Hydro	517	532	567	549	485	515
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	517	532	567	549	485	515
Imports	77	124	201	220	279	281
Exports	4	2	6	46	21	2
Losses	14	14	*14	*14	*14	*14
Consumption	*536	569	615	651	*666	710
Energy industries own use	..	..	..	..	..	..
By industry and construction	*197	209	224	221	*215	229
By transport	..	..	..	..	..	..
By households and other cons.	*339	360	391	430	*451	481
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	80	80	80	*80	*80	*80
Combustible fuels	..	..	..	..	..	..
Hydro	80	80	80	*80	*80	*80
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	80	80	80	*80	*80	*80
Combustible fuels	..	..	..	..	..	..
Hydro	80	80	80	*80	*80	*80
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
<b>Total input</b>	..	..	..	..	..	..
<b>Total production</b>	..	..	..	..	..	..
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	..	..

**Statistics on electricity**
**Liberia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*250	*250	*250	*300	*300	*300
Combustible fuels	*250	*250	*250	*300	*300	*300
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*50	*50	*50	*100	*100	*100
Combustible fuels	*50	*50	*50	*100	*100	*100
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*20	*20	*20	*20	*20	*20
Net production	*230	*230	*230	*280	*280	*280
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*15	*15	*15	*24	*24	*24
Consumption	*215	*215	*215	*256	*256	*256
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*215	*215	*215	*256	*256	*256
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*78	*78	*78	*91	*91	*91
Combustible fuels	*78	*78	*78	*91	*91	*91
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*8	*8	*8	*21	*21	*21
Combustible fuels	*8	*8	*8	*21	*21	*21
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1759	*1310	*1946	*2137	*2620	*2620
Fuel oil	*1454	*1616	*1212	*1212	*1212	*1212
<b>Total input</b>	*3213	*2926	*3158	*3349	*3832	*3832
<b>Total production</b>	*900	*900	*900	*1080	*1080	*1080
<b>Estimated efficiency (% of production to input)</b>	28	31	28	32	28	28

**Statistics on electricity**
**Libya**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	30721	31045	32753	27614	33980	30283
Combustible fuels	30721	31045	32753	27614	33980	30283
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	30721	31045	32753	27614	33980	30283
Combustible fuels	30721	31045	32753	27614	33980	30283
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	790	950	1039	1929	1078	2115
Net production	29931	30095	31714	25685	32902	28168
Imports	69	95	70	59	61	64
Exports	117	118	152	128	14	1
Losses	4013	4059	4275	3604	4452	5766
Consumption	25870	26013	27357	22012	28497	22465
Energy industries own use	..	..	..	..	..	..
By industry and construction	3176	1934	2079	2613	1449	1892
By transport	..	..	..	..	..	..
By households and other cons.	22694	24079	25278	19399	27048	20573
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	6612	6766	7066	8907	8907	9455
Combustible fuels	6612	6766	7066	8907	8907	9455
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6612	6766	7066	8907	8907	9455
Combustible fuels	6612	6766	7066	8907	8907	9455
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	124356	131494	108317	64973	86602	77185
Fuel oil	66822	77245	81042	59469	65327	58216
Natural gas	139135	125329	161516	163688	158250	141034
<b>Total input</b>	330313	334068	350875	288130	310179	276435
<b>Total production</b>	110596	111762	117911	99410	122328	109019
<b>Estimated efficiency (% of production to input)</b>	33	33	34	35	39	39

Statistics on electricity

Liechtenstein

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	71	71	79	72	86	85
Combustible fuels	4	4	4	4	4	3
Hydro	67	66	72	62	74	69
Nuclear	..	..	..	..	..	..
Other	0	1	3	6	9	13
Main activity	71	71	79	72	86	85
Combustible fuels	4	4	4	4	4	3
Hydro	67	66	72	62	74	69
Nuclear	..	..	..	..	..	..
Other	0	1	3	6	9	13
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	71	71	79	72	86	85
Imports	315	307	318	326	318	319
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*386	*378	*397	*398	*404	404
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*386	*378	*397	*398	*404	404
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*12	*12	*12	*12	*12	*12
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
Main activity	*12	*12	*12	*12	*12	*12
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
<b>Total input</b>	..	..	..	..	..	..
<b>Total production</b>	14	15	15	14	13	12
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	..	..

**Statistics on electricity**
**Lithuania**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	13913	15358	5749	4822	5043	4762
Combustible fuels	2662	2938	3980	3034	3337	2808
Hydro	988	1139	1295	1056	937	1069
Nuclear	9894	10852	..	..	..	..
Other	369	429	474	732	769	885
Main activity	13462	14736	5197	4222	4256	4141
Combustible fuels	2449	2587	3678	2691	2777	2424
Hydro	988	1139	1295	1056	937	1069
Nuclear	9894	10852	..	..	..	..
Other	131	158	224	475	542	648
Own use in electricity, CHP and heat plants	1132	1211	402	377	354	311
Net production	12781	14147	5347	4445	4689	4451
Imports	5649	4783	8174	8086	8060	8073
Exports	6606	7715	2184	1347	1441	1127
Losses	1015	969	989	872	883	872
Consumption	10802	10240	10344	10308	10422	10522
Energy industries own use	1757	1869	2012	1728	1501	1567
By industry and construction	2795	2430	2654	2768	2893	2986
By transport	83	77	76	74	75	74
By households and other cons.	6167	5864	5602	5738	5953	5895
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	4655	4714	3570	3691	4237	4323
Combustible fuels	2518	2532	2536	2588	3054	3075
Hydro	875	876	876	876	876	876
Nuclear	1183	1183	0	0	0	0
Other	79	123	158	227	307	372
Main activity	4442	4494	3347	3417	3965	4053
Combustible fuels	2330	2337	2338	2339	2807	2830
Hydro	875	876	876	876	876	876
Nuclear	1183	1183	0	0	0	0
Other	54	98	133	202	282	347
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	0	0	0	0	0	0
Brown Coal	0	0	0	0	0	0
Peat	10	0	0	0	0	0
Biogas	66	108	229	335	353	473
Fuel oil	4525	6020	5292	1980	6141	2666
Refinery gas	0	0	0	0	198	149
Natural gas	38661	39295	51946	42383	37286	30737
Fuelwood	*1864	*2331	*2472	*2359	*3786	*6075
Municipal waste	..	..	..	..	..	929
Industrial waste	..	..	..	..	..	155
Others	72	0	0	0	0	0
<b>Total input</b>	45198	47754	59939	47057	47764	41184
<b>Total production</b>	9583	10577	14328	10922	12013	10109
<b>Estimated efficiency (% of production to input)</b>	21	22	24	23	25	25



**Statistics on electricity**
**Luxembourg**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	3559	3879	4590	3718	3818	2888
Combustible fuels	2513	2963	3046	2498	2543	1573
Hydro	965	833	1468	1130	1160	1158
Nuclear	..	..	..	..	..	..
Other	81	83	76	90	115	157
Main activity	3369	3672	4374	3510	3593	2623
Combustible fuels	2350	2782	2859	2320	2361	1388
Hydro	958	827	1460	1126	1155	1152
Nuclear	..	..	..	..	..	..
Other	61	63	55	64	77	83
Own use in electricity, CHP and heat plants	41	47	31	20	34	29
Net production	3518	3832	4559	3698	3784	2859
Imports	6830	6022	7280	7096	6732	6852
Exports	2484	2604	3216	2614	2622	1907
Losses	117	116	122	121	121	121
Consumption	7755	7139	8518	8062	7784	7698
Energy industries own use	1160	1025	1913	1533	1515	1468
By industry and construction	3595	3099	3633	3204	2557	2501
By transport	113	112	120	129	129	129
By households and other cons.	2887	2903	2852	3196	3583	3600
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1698	1704	1711	1741	1789	1813
Combustible fuels	496	501	504	521	522	526
Hydro	1134	1134	1134	1134	1134	1134
Nuclear	..	..	..	..	..	..
Other	68	69	73	86	133	153
Main activity	1615	1616	1619	1640	1653	1657
Combustible fuels	440	441	443	463	463	467
Hydro	1132	1132	1132	1132	1132	1132
Nuclear	..	..	..	..	..	..
Other	43	43	44	45	58	58
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Biogas	163	199	275	282	305	307
Gas-diesel oil	43	43	0	43	43	43
Natural gas	20189	23027	24176	19997	20548	13490
Fuelwood	0	0	0	0	0	*49
Municipal waste	1356	1224	1113	1225	1203	1185
<b>Total input</b>	21751	24493	25564	21547	22099	15074
<b>Total production</b>	9047	10667	10966	8993	9155	5663
<b>Estimated efficiency (% of production to input)</b>	42	44	43	42	41	38

**Statistics on electricity**
**Madagascar**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1274	1274	1360	1438	1520	1594
Combustible fuels	574	533	649	747	765	784
Hydro	700	741	711	690	755	809
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
Main activity	1104	1104	1190	1268	1350	1424
Combustible fuels	404	363	479	577	595	614
Hydro	700	741	711	690	755	809
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
Own use in electricity, CHP and heat plants	14	18	19	21	23	*24
Net production	1261	1256	1340	1417	1497	1570
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	51	40	*40	*41	*41	*41
Consumption	*1022	*961	1014	1053	1100	1222
Energy industries own use	..	..	..	..	..	..
By industry and construction	*523	*481	*489	*501	*516	611
By transport	..	..	..	..	..	..
By households and other cons.	499	480	525	552	584	611
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	431	431	507	*507	*507	*508
Combustible fuels	282	282	379	*379	*379	*379
Hydro	148	148	128	*128	*128	*128
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
Main activity	399	399	475	*475	*475	*476
Combustible fuels	250	250	347	*347	*347	*347
Hydro	148	148	128	*128	*128	*128
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*4568	*3966	*5061	*5061	*5061	*5160
Fuel oil	1703	1843	*2022	*2022	*2022	*2101
<b>Total input</b>	*6271	*5809	*7082	*7082	*7082	*7261
<b>Total production</b>	2067	1918	2336	2690	2753	2824
<b>Estimated efficiency (% of production to input)</b>	33	33	33	38	39	39

## Statistics on electricity

### Malawi

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1797	1944	2024	1979	*1666	*1666
Combustible fuels	*182	*181	*181	*181	*181	*181
Hydro	1615	1763	1843	1798	*1485	*1485
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1617	1764	1844	1798	*1485	*1485
Combustible fuels	*6	*5	*5	*5	*5	*5
Hydro	1611	1759	1839	1793	*1480	*1480
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*88	*91	*97	*95	*82	*82
Net production	1709	1853	1927	1884	*1584	*1584
Imports	..	..	..	..	..	..
Exports	20	16	21	20	18	*18
Losses	*169	*184	*191	*186	*157	157
Consumption	1520	1652	1716	1678	1409	*1409
Energy industries own use	..	..	..	..	..	..
By industry and construction	520	553	556	617	503	*503
By transport	..	..	..	..	..	..
By households and other cons.	1001	1099	1160	1062	906	*906
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	502	502	502	502	*502	*502
Combustible fuels	*211	*211	*211	*211	*211	*211
Hydro	291	291	291	291	*291	*291
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	287	287	287	287	*287	*287
Combustible fuels	1	1	1	*1	*1	*1
Hydro	286	286	286	286	*286	*286
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*2012	*2012	*2012	*2012	*2012	*2012
<b>Total input</b>	*2012	*2012	*2012	*2012	*2012	*2012
<b>Total production</b>	*655	*652	*652	*652	*652	*652
<b>Estimated efficiency (% of production to input)</b>	33	32	32	32	32	32

**Statistics on electricity**
**Malaysia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	106927	107116	116808	124894	134421	138331
Combustible fuels	99737	100491	110556	117269	125319	127604
Hydro	7190	6625	6251	7624	9054	10586
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	48	141
Main activity	104923	105203	114920	119761	128267	133311
Combustible fuels	97733	98578	108668	112136	119165	122584
Hydro	7190	6625	6251	7624	9054	10586
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	48	141
Own use in electricity, CHP and heat plants	2004	1914	1892	12779	11543	11366
Net production	104923	105202	114916	112115	122878	126965
Imports	0	0	0	370	100	221
Exports	469	92	148	10	15	23
Losses	*2638	3992	8200	0	0	..
Consumption	*92827	*96360	*110853	107341	116353	123076
Energy industries own use	..	..	..	..	..	..
By industry and construction	42851	43244	52715	47017	52414	55886
By transport	*174	*140	*209	214	241	241
By households and other cons.	*49802	*52976	*57929	60110	63698	66949
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	23354	*25398	*25399	28750	29198	31817
Combustible fuels	21234	*23278	*23278	25734	25826	27725
Hydro	2120	*2120	*2120	3015	3317	3931
Nuclear	..	..	..	..	..	..
Other	..	..	*1	*1	*55	*161
Main activity	21949	*23993	*23994	25752	26024	28780
Combustible fuels	19829	*21873	*21873	22736	22652	24688
Hydro	2120	*2120	*2120	3015	3317	3931
Nuclear	..	..	..	..	..	..
Other	..	..	*1	*1	*55	*161
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	297190	433698	530035	532564	578591	553591
Gas-diesel oil	15308	20167	26101	49966	35389	27348
Fuel oil	7353	*8363	*5090	44925	22382	15958
Natural gas	614665	618560	754903	531627	555449	695829
Vegetal waste	..	*16762	*14400	*15048	*11405	*15955
<b>Total input</b>	934516	1097550	1330530	1174129	1203215	1308681
<b>Total production</b>	359052	361767	398003	422168	451148	459374
<b>Estimated efficiency (% of production to input)</b>	38	33	30	36	37	35

## Statistics on electricity

### Maldives

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	280	298	256	274	297	303
Combustible fuels	280	298	256	274	297	303
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	280	298	256	274	297	303
Combustible fuels	280	298	256	274	297	303
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	10	10	9	9	10	13
Net production	270	288	247	265	287	290
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*18	*19	*15	*15	*16	*16
Consumption	*252	*270	*232	*250	*271	*273
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*252	*270	*232	*250	*271	*273
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	75	75	77	78	81	81
Combustible fuels	75	75	77	78	81	81
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	75	75	77	78	81	81
Combustible fuels	75	75	77	78	81	81
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*3083	3225	2765	*2993	*3216	*3225
<b>Total input</b>	*3083	3225	2765	*2993	*3216	*3225
<b>Total production</b>	1008	1074	921	985	1070	1090
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	34

## Statistics on electricity

### Mali

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1481	1175	1292	1381	1363	1510
Combustible fuels	815	323	597	654	579	532
Hydro	666	851	695	727	783	978
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1430	1123	1240	1329	1311	1458
Combustible fuels	764	271	545	602	527	480
Hydro	666	851	695	727	783	978
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	1481	1175	1292	1381	1363	1510
Imports	..	..	..	..	..	..
Exports	333	348	368	*368	*368	*300
Losses	*115	*123	*132	*133	*135	131
Consumption	1033	1104	1191	*1201	*1215	1281
Energy industries own use	..	..	..	..	..	..
By industry and construction	570	625	639	*640	*640	641
By transport	..	..	..	..	..	..
By households and other cons.	*463	*479	*552	*561	*575	640
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	468	540	579	655	689	811
Combustible fuels	216	193	225	291	323	363
Hydro	252	348	354	365	367	448
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	403	443	482	558	592	714
Combustible fuels	151	96	128	194	226	266
Hydro	252	348	354	365	367	448
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*6652	*3956	*6063	*7095	*6278	*6536
Fuel oil	*2020	*808	*808	*808	*808	*808
<b>Total input</b>	*8672	*4764	*6871	*7903	*7086	*7344
<b>Total production</b>	2934	1164	2149	2356	2085	1914
<b>Estimated efficiency (% of production to input)</b>	34	24	31	30	29	26

## Statistics on electricity

### Malta

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2312	2168	2115	2194	2307	2254
Combustible fuels	2312	2168	2115	2183	2277	2222
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	11	30	32
Main activity	2312	2168	2113	2189	2281	2216
Combustible fuels	2312	2168	2113	2181	2268	2216
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	8	13	0
Own use in electricity, CHP and heat plants	127	122	123	133	135	114
Net production	2185	2046	1992	2061	2172	2140
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	332	339	192	212	251	249
Consumption	1853	1707	1800	1849	1921	1891
Energy industries own use	..	..	..	..	..	..
By industry and construction	558	509	384	383	391	384
By transport	0	..	..	..	..	..
By households and other cons.	1295	1198	1416	1466	1530	1507
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	571	572	574	575	590	626
Combustible fuels	571	572	573	573	574	574
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	1	2	16	52
Main activity	571	571	572	573	587	603
Combustible fuels	571	571	571	571	571	571
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	1	2	16	32
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Biogas	0	0	0	26	80	59
Gas-diesel oil	3225	3311	3182	2795	2881	2752
Fuel oil	22786	21129	21008	21452	23109	18867
<b>Total input</b>	26011	24440	24190	24273	26070	21678
<b>Total production</b>	8323	7805	7614	7859	8197	7999
<b>Estimated efficiency (% of production to input)</b>	32	32	31	32	31	37

**Statistics on electricity**
**Marshall Islands**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*109	*111	*114	*114	*114	*114
Combustible fuels	*109	*111	*114	*114	*114	*114
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*109	*111	*114	*114	*114	*114
Combustible fuels	*109	*111	*114	*114	*114	*114
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*109	*111	*114	*114	*114	*114
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*109	*111	*114	*114	*114	*114
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*109	*111	*114	*114	*114	*114
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*17	*17	*17	*17	*17	*17
Combustible fuels	*17	*17	*17	*17	*17	*17
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*17	*17	*17	*17	*17	*17
Combustible fuels	*17	*17	*17	*17	*17	*17
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1379	*1417	*1455	*1455	*1455	*1455
<b>Total input</b>	*1379	*1417	*1455	*1455	*1455	*1455
<b>Total production</b>	*391	*400	*409	*409	*409	*409
<b>Estimated efficiency (% of production to input)</b>	28	28	28	28	28	28



## Statistics on electricity

### Martinique

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*1682	*1732	*1808	*1764	*1780	*1764
Combustible fuels	*1641	*1685	*1764	*1720	*1736	*1719
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	41	*47	*45	*45	*45	*46
Main activity	*1652	*1702	*1778	*1734	*1750	*1734
Combustible fuels	*1611	*1655	*1734	*1690	*1706	*1689
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	41	*47	*45	*45	*45	*46
Own use in electricity, CHP and heat plants	78	*79	*78	*74	*77	*76
Net production	*1604	*1653	*1731	*1690	*1703	*1688
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*8	*8	*8	*8	*8	*8
Consumption	*1559	*1550	*1582	*1547	*1558	*1544
Energy industries own use	..	..	..	..	..	..
By industry and construction	*30	*30	*30	*30	*30	*30
By transport	..	..	..	..	..	..
By households and other cons.	*1529	*1520	*1552	*1517	*1528	*1514
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*408	*415	*415	*415	*461	*463
Combustible fuels	*400	*400	*400	*400	*400	*400
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	15	*15	*15	61	63
Main activity	*404	*411	*411	*411	*457	*459
Combustible fuels	*396	*396	*396	*396	*396	*396
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	15	*15	*15	61	63
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*69	*72	*75	*75	*75	*75
Fuel oil	*12042	*12223	*12928	*13705	*13946	*14005
Municipal waste	*432	*432	*432	*432	*432	*432
<b>Total input</b>	*12542	*12726	*13435	*14212	*14452	*14512
<b>Total production</b>	*5909	*6068	*6350	*6191	*6249	*6188
<b>Estimated efficiency (% of production to input)</b>	47	48	47	44	43	43

## Statistics on electricity

### Mauritania

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	659	658	727	744	824	790
Combustible fuels	659	658	727	744	824	790
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	383	381	426	436	501	470
Combustible fuels	383	381	426	436	501	470
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	10	10	11	14	18	35
Net production	649	648	716	731	806	755
Imports	104	109	115	*115	*115	*115
Exports	..	..	..	..	..	..
Losses	124	130	148	139	141	164
Consumption	629	623	669	698	771	706
Energy industries own use	..	..	..	..	..	..
By industry and construction	275	276	301	309	323	212
By transport	..	..	..	..	..	..
By households and other cons.	353	346	368	390	447	494
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	156	166	196	*196	*196	*263
Combustible fuels	156	166	196	*196	*196	*263
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	86	96	126	*126	*126	*193
Combustible fuels	86	96	126	*126	*126	*193
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	3754	3698	3410	*4300	*5010	5010
Fuel oil	2408	2351	2727	*2828	*3232	*3232
<b>Total input</b>	6162	6049	6137	*7128	*8242	8242
<b>Total production</b>	2372	2367	2618	2679	2967	2844
<b>Estimated efficiency (% of production to input)</b>	38	39	43	38	36	35

**Statistics on electricity**
**Mauritius**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2557	2577	2690	2731	2797	2888
Combustible fuels	2449	2453	2586	2671	2718	2786
Hydro	108	122	101	57	74	95
Nuclear	..	..	..	..	..	..
Other	0	2	3	3	5	7
Main activity	942	1077	1100	1130	1146	1178
Combustible fuels	834	953	996	1070	1068	1079
Hydro	108	122	101	57	74	95
Nuclear	..	..	..	..	..	..
Other	0	2	3	3	4	4
Own use in electricity, CHP and heat plants	38	39	40	44	43	0
Net production	2519	2538	2650	2686	2753	2888
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	216	198	194	194	191	184
Consumption	2295	2332	2446	2482	2551	2702
Energy industries own use	250	272	281	264	267	42
By industry and construction	663	626	654	657	662	963
By transport	..	..	..	..	..	..
By households and other cons.	1382	1434	1511	1561	1622	1697
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	726	740	741	738	781	778
Combustible fuels	666	680	680	677	718	714
Hydro	59	59	60	60	60	61
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	1	3	4
Main activity	443	443	444	450	506	501
Combustible fuels	383	383	383	389	445	439
Hydro	59	59	60	60	60	61
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	1	1	1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	15738	14809	16589	15919	16744	17621
Biogas	..	..	..	..	..	240
Gas-diesel oil	86	129	86	86	86	43
Fuel oil	6787	7716	7959	8686	8605	8726
Other kerosene	88	219	263	175	131	44
Bagasse	10046	8772	8803	8641	8324	7075
<b>Total input</b>	32745	31646	33700	33507	33891	33750
<b>Total production</b>	8816	8831	9310	9616	9784	10030
<b>Estimated efficiency (% of production to input)</b>	27	28	28	29	29	30

## Statistics on electricity

### Mexico

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	261918	261045	271050	295837	293862	297079
Combustible fuels	205602	216483	220162	241296	243707	246916
Hydro	39178	26713	37121	36266	31855	28002
Nuclear	9804	10501	5879	10089	8770	11800
Other	7334	7348	7888	8186	9530	10361
Main activity	235872	235106	242537	266359	261703	258573
Combustible fuels	179865	191171	193135	213610	214053	211432
Hydro	38892	26445	36739	35796	31317	27444
Nuclear	9804	10501	5879	10089	8770	11800
Other	7311	6989	6784	6864	7563	7897
Own use in electricity, CHP and heat plants	10200	11002	10979	16809	12392	9989
Net production	251718	250043	260071	279028	281470	287090
Imports	351	346	397	596	630	1210
Exports	1452	1249	1349	1164	1754	1240
Losses	41409	42452	44252	45602	44050	42520
Consumption	209930	208472	215344	233121	235884	246604
Energy industries own use	7607	7348	7397	7200	6077	5033
By industry and construction	112497	108004	115129	124077	130558	137492
By transport	1111	1116	1191	1122	1130	1130
By households and other cons.	88715	92004	91627	100722	98119	102949
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	58304	59693	62290	61600	62136	63611
Combustible fuels	44383	45320	47736	47070	46707	48047
Hydro	11471	11543	11626	11646	11650	11653
Nuclear	1365	1365	1365	1365	1610	1400
Other	1085	1465	1563	1519	2169	2511
Main activity	51106	51686	52946	52511	52534	53497
Combustible fuels	37348	37888	39028	38673	38015	39161
Hydro	11343	11383	11503	11499	11498	11509
Nuclear	1365	1365	1365	1365	1610	1400
Other	1050	1050	1050	974	1411	1427
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	152530	191926	206822	218316	217294	200844
Biogas	1184	1633	1900	2154	1822	1969
Gas-diesel oil	16297	24123	18791	21930	26230	35518
Fuel oil	417978	390910	366347	411434	433330	432522
Petroleum coke	31915	31753	39163	37928	39293	40073
Natural gas	1097019	1104105	1177440	1259001	1222429	1546753
Coke-oven gas	960	822	838	691	505	764
Blast furnace gas	4138	3587	4772	4649	3205	4199
Vegetal waste	*42159	*45701	*45554	*43045	*53111	*49317
Industrial waste	..	..	..	..	..	5946
Others	..	..	..	..	..	568
<b>Total input</b>	1764180	1794560	1861627	1999147	1997219	2318473
<b>Total production</b>	740167	779339	792583	868666	877345	888898
<b>Estimated efficiency (% of production to input)</b>	42	43	43	43	44	38

Statistics on electricity

Micronesia (Fed. States of)

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	66	70	70	66	*67	*68
Combustible fuels	65	69	68	64	*65	*66
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*2	*2	*2	*2
Main activity	66	70	70	66	*67	*68
Combustible fuels	65	69	68	64	*65	*66
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*2	*2	*2	*2
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	66	70	70	66	*67	*68
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	13	14	14	13	*13	*13
Consumption	*53	*56	*56	*53	*54	*55
Energy industries own use	..	..	..	..	..	..
By industry and construction	*4	*4	*4	*4	*4	*4
By transport	..	..	..	..	..	..
By households and other cons.	*49	*52	*52	*49	*50	*51
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	33	33	33	33	33	33
Combustible fuels	32	32	32	32	32	32
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*2	*2	*2	1
Main activity	33	33	33	33	33	33
Combustible fuels	32	32	32	32	32	32
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*2	*2	*2	1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	659	730	731	673	*688	*688
<b>Total input</b>	659	730	731	673	*688	*688
<b>Total production</b>	233	249	246	230	*235	*238
<b>Estimated efficiency (% of production to input)</b>	35	34	34	34	34	35

**Statistics on electricity**
**Mongolia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	4001	4039	4313	4536	4816	5020
Combustible fuels	4001	4039	4313	4536	4816	5020
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3977	4016	4285	4506	4786	4990
Combustible fuels	3977	4016	4285	4506	4786	4990
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	653	649	672	691	712	725
Net production	3348	3390	3641	3845	4104	4294
Imports	198	157	263	276	366	1196
Exports	16	18	22	24	21	18
Losses	436	494	505	644	675	740
Consumption	3094	3034	3375	3454	3773	4732
Energy industries own use	..	..	..	..	..	..
By industry and construction	1918	1883	2094	2141	2339	2931
By transport	129	126	140	144	157	197
By households and other cons.	1047	1025	1141	1169	1277	1605
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	832	832	*832	*910	*910	*950
Combustible fuels	832	832	*832	*910	*910	*950
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	772	772	*772	*850	*850	*880
Combustible fuels	772	772	*772	*850	*850	*880
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	13880	15067	*14267	*13958	*14964	*16460
Brown Coal	60368	62916	*69720	*68166	*73094	*80318
Gas-diesel oil	2064	2021	2408	3096	*2881	3741
Fuel oil	283	202	202	283	283	162
<b>Total input</b>	76595	80206	*86597	*85503	*91222	*100681
<b>Total production</b>	14404	14540	15527	16331	17336	18070
<b>Estimated efficiency (% of production to input)</b>	19	18	18	19	19	18

## Statistics on electricity

### Montenegro

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2828	2760	4022	2656	2844	3809
Combustible fuels	1289	689	1272	1452	1367	1311
Hydro	1539	2071	2750	1204	1477	2498
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2828	2760	4022	2656	2844	3809
Combustible fuels	1289	689	1272	1452	1367	1311
Hydro	1539	2071	2750	1204	1477	2498
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	141	81	146	153	141	136
Net production	2687	2679	3876	2503	2703	3673
Imports	1571	1151	732	1383	964	388
Exports	108	172	483	431	228	647
Losses	725	717	667	651	695	622
Consumption	3738	3017	3211	3414	3220	2706
Energy industries own use	..	..	..	..	..	..
By industry and construction	2502	1694	1581	2162	1855	1326
By transport	22	18	22	*20	*24	34
By households and other cons.	1214	1305	1608	1232	1341	1346
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	868	868	868	868	868	868
Combustible fuels	210	210	210	210	210	210
Hydro	658	658	658	658	658	658
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	868	868	868	868	868	868
Combustible fuels	210	210	210	210	210	210
Hydro	658	658	658	658	658	658
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	22904	12250	25900	26600	23730	23072
<b>Total input</b>	22904	12250	25900	26600	23730	23072
<b>Total production</b>	4640	2480	4579	5227	4921	4720
<b>Estimated efficiency (% of production to input)</b>	20	20	18	20	21	20

Statistics on electricity

Montserrat

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*23	*23	*23	*23	*23	*23
Combustible fuels	*23	*23	*23	*23	*23	*23
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*23	*23	*23	*23	*23	*23
Combustible fuels	*23	*23	*23	*23	*23	*23
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*2	*2	*2	*2	*2	*2
Net production	*21	*21	*21	*21	*21	*21
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*2	*2	*2	*2	*2	*2
Consumption	*19	*19	*19	*19	*19	*19
Energy industries own use	..	..	..	..	..	..
By industry and construction	*9	*9	*9	*9	*9	*9
By transport	..	..	..	..	..	..
By households and other cons.	*10	*10	*10	*10	*10	*10
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*5	*5	*5	*5	*5	*5
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*5	*5	*5	*5	*5	*5
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*237	*237	*237	*237	*237	*237
<b>Total input</b>	*237	*237	*237	*237	*237	*237
<b>Total production</b>	*83	*83	*83	*83	*83	*83
<b>Estimated efficiency (% of production to input)</b>	35	35	35	35	35	35



**Statistics on electricity**
**Morocco**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	20347	20935	22853	24364	26495	28134
Combustible fuels	18689	17592	18563	21533	23951	23663
Hydro	1360	2952	3631	2139	1816	2990
Nuclear	..	..	..	..	..	..
Other	298	391	659	692	728	1481
Main activity	20307	20809	22700	24147	26356	26954
Combustible fuels	18649	17466	18410	21316	23812	22483
Hydro	1360	2952	3631	2139	1816	2990
Nuclear	..	..	..	..	..	..
Other	298	391	659	692	728	1481
Own use in electricity, CHP and heat plants	30	37	43	40	40	98
Net production	20317	20898	22810	24324	26455	28036
Imports	4261	4623	3939	4607	4841	5551
Exports	..	..	..	..	..	151
Losses	2366	2632	2825	3082	3496	4556
Consumption	22212	22889	23924	25849	27800	29768
Energy industries own use	574	505	219	179	241	1383
By industry and construction	8222	8505	9008	9741	*10700	10303
By transport	226	230	280	303	301	322
By households and other cons.	13190	13649	14417	15626	16558	17760
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	5564	6466	6679	6713	7013	7013
Combustible fuels	3721	4496	4688	4693	4993	4993
Hydro	1729	1749	1770	1770	1770	1770
Nuclear	..	..	..	..	..	..
Other	114	221	221	250	250	250
Main activity	5292	6135	6348	6377	6677	6677
Combustible fuels	3449	4165	4357	4357	4657	4657
Hydro	1729	1749	1770	1770	1770	1770
Nuclear	..	..	..	..	..	..
Other	114	221	221	250	250	250
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	113572	105161	111353	117467	117829	115352
Gas-diesel oil	3225	602	1419	1720	989	903
Fuel oil	44521	39188	53207	64882	66066	51308
Petroleum coke	2340	1300	0	0	0	..
Natural gas	20557	22818	24403	31203	42409	44289
<b>Total input</b>	184214	169069	190382	215273	227293	211852
<b>Total production</b>	67280	63331	66825	77520	86225	85187
<b>Estimated efficiency (% of production to input)</b>	37	37	35	36	38	40

**Statistics on electricity**
**Mozambique**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	15127	16963	16666	16830	15166	15645
Combustible fuels	13	13	19	20	21	840
Hydro	15114	16950	16647	16810	15145	14805
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	15127	16963	16309	16482	14903	15382
Combustible fuels	13	13	19	20	21	840
Hydro	15114	16950	16290	16462	14882	14542
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	121	143	144	149	210	220
Net production	15006	16820	16522	16681	14956	15425
Imports	8207	8340	8533	8570	8304	8339
Exports	11212	12700	12075	11954	9791	9058
Losses	2244	2443	2457	2456	2243	2647
Consumption	9969	9569	9831	10141	10939	11605
Energy industries own use	..	..	..	..	..	..
By industry and construction	9025	8466	8574	8681	9448	9295
By transport	..	..	..	..	..	..
By households and other cons.	944	1103	1257	1460	1491	2310
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2428	2428	2478	2479	2486	2646
Combustible fuels	249	249	249	249	249	359
Hydro	2179	2179	2229	2230	2237	2287
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2428	2428	2428	2429	2436	2596
Combustible fuels	249	249	249	249	249	359
Hydro	2179	2179	2179	2180	2187	2237
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	..	..	..	..	..	*6880
Natural gas	120	170	215	304	357	3026
<b>Total input</b>	120	170	215	304	357	*9906
<b>Total production</b>	47	47	68	72	76	3024
<b>Estimated efficiency (% of production to input)</b>	39	28	32	24	21	31

## Statistics on electricity

### Myanmar

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	6622	6964	8625	10425	10965	12247
Combustible fuels	2551	1708	2436	2907	3199	3424
Hydro	4071	5256	6189	7518	7766	8823
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6622	6964	8625	10425	10923	11302
Combustible fuels	2551	1708	2436	2907	3199	2929
Hydro	4071	5256	6189	7518	7725	8373
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	153	165	155	160	186	182
Net production	6468	6799	8470	10265	10779	12065
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1767	1856	2158	2548	2524	2452
Consumption	4701	4943	6312	7717	8255	9613
Energy industries own use	..	..	..	..	..	..
By industry and construction	2903	2928	3659	4336	4600	5849
By transport	..	..	..	..	..	..
By households and other cons.	1799	2015	2653	3381	3655	3764
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1848	2544	3413	3588	3726	4146
Combustible fuels	901	890	891	895	913	1141
Hydro	947	1654	2522	2693	2813	3005
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1848	2544	3413	3588	3606	3753
Combustible fuels	901	890	891	895	913	920
Hydro	947	1654	2522	2693	2693	2833
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	6837	5263	7482	7482	7817	5212
Gas-diesel oil	516	1247	2150	1634	3440	2580
Natural gas	27382	17393	25029	22922	30948	35264
<b>Total input</b>	34735	23903	34661	32038	42205	43056
<b>Total production</b>	9182	6148	8770	10465	11515	12326
<b>Estimated efficiency (% of production to input)</b>	26	26	25	33	27	29

**Statistics on electricity**
**Namibia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2097	1742	1488	1607	1538	1712
Combustible fuels	682	313	224	9	67	72
Hydro	1415	1429	1264	1598	1471	1640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2097	1742	1488	1607	1538	1712
Combustible fuels	682	313	224	9	67	72
Hydro	1415	1429	1264	1598	1471	1640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	381
Net production	2097	1742	1488	1607	1538	1331
Imports	2147	2202	2462	2389	2226	2907
Exports	47	144	207	79	88	89
Losses	369	266	367	*450	*450	369
Consumption	3828	3534	3376	*3467	*3635	3772
Energy industries own use	..	..	..	..	..	..
By industry and construction	663	639	673	*690	*662	786
By transport	..	..	..	..	..	..
By households and other cons.	3165	2895	2703	*2777	*2973	2986
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*467	*467	*467	393	508	487
Combustible fuels	*92	*92	*92	144	167	155
Hydro	*375	*375	*375	249	341	332
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*467	*467	*467	393	508	487
Combustible fuels	*92	*92	*92	144	167	155
Hydro	*375	*375	*375	249	341	332
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	10655	4979	3509	155	826	671
Gas-diesel oil	258	86	86	*86	*86	*86
<b>Total input</b>	10913	5065	3595	241	912	757
<b>Total production</b>	2455	1127	806	32	241	259
<b>Estimated efficiency (% of production to input)</b>	22	22	22	13	26	34

**Statistics on electricity**
**Nauru**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	19	21	23	23	24	*24
Combustible fuels	19	21	23	23	24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	19	21	23	23	24	*24
Combustible fuels	19	21	23	23	24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	19	21	23	23	24	*24
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*2	*2	*2	*2	*2	*2
Consumption	*17	*19	*20	21	*21	*22
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*17	*19	*20	21	*21	*22
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*6	*6	*6	5	5	*5
Combustible fuels	*6	*6	*6	5	5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*6	*6	*6	5	5	*5
Combustible fuels	*6	*6	*6	5	5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	222	235	269	276	283	*292
<b>Total input</b>	222	235	269	276	283	*292
<b>Total production</b>	70	76	81	83	85	*87
<b>Estimated efficiency (% of production to input)</b>	31	32	30	30	30	30

## Statistics on electricity

### Nepal

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2812	3115	3208	3492	3543	3130
Combustible fuels	9	13	3	2	10	10
Hydro	2803	3102	3205	3490	3533	3120
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2774	3073	3164	3433	3459	2993
Combustible fuels	9	13	3	2	10	10
Hydro	2765	3060	3161	3431	3449	2983
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	31	37	30	32	24	40
Net production	2781	3078	3178	3460	3519	3090
Imports	356	639	694	746	793	1072
Exports	46	75	31	4	4	4
Losses	896	1073	1101	1102	1066	745
Consumption	2194	2567	2740	3099	3240	3413
Energy industries own use	..	..	..	..	..	..
By industry and construction	846	960	1002	1124	1168	1222
By transport	5	5	6	7	8	6
By households and other cons.	1343	1602	1732	1968	2064	2185
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*625	*630	*630	*762	*762	*772
Combustible fuels	*57	*57	*57	53	53	53
Hydro	*568	*573	*573	*709	*709	*718
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*472	*475	*475	*607	*607	*617
Combustible fuels	*57	*57	*57	53	53	53
Hydro	*415	*418	*418	*554	*554	*563
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	89	105	57	16	101	89
<b>Total input</b>	89	105	57	16	101	89
<b>Total production</b>	32	47	11	7	36	36
<b>Estimated efficiency (% of production to input)</b>	36	45	19	45	36	41

**Statistics on electricity**
**Netherlands**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	107645	113502	118140	112968	102505	100875
Combustible fuels	98928	104419	109859	103421	93103	91604
Hydro	102	98	105	57	104	114
Nuclear	4169	4228	3969	4141	3915	2891
Other	4446	4757	4207	5349	5383	6266
Main activity	84805	91712	95114	88779	78158	77164
Combustible fuels	77097	83689	87814	80843	70412	69838
Hydro	102	98	105	57	104	114
Nuclear	4169	4228	3969	4141	3915	2891
Other	3437	3697	3226	3738	3727	4321
Own use in electricity, CHP and heat plants	4269	4556	3795	3929	3856	4065
Net production	103376	108946	114345	109039	98649	96810
Imports	24967	15452	15583	20620	32156	33252
Exports	9116	10561	12807	11531	15046	15016
Losses	4659	4405	4450	4610	4490	4487
Consumption	114568	109432	112671	113518	111269	110559
Energy industries own use	5423	5482	5806	6050	4793	4387
By industry and construction	42151	36278	39069	39011	34712	34915
By transport	1612	1664	1728	1731	1795	1747
By households and other cons.	65382	66008	66068	66726	69969	69510
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	24875	25992	26686	28049	29920	30532
Combustible fuels	22050	23083	23743	24970	26518	26520
Hydro	37	37	37	37	37	37
Nuclear	510	510	510	510	510	485
Other	2278	2362	2396	2532	2855	3490
Main activity	19766	20685	21355	21791	23513	23947
Combustible fuels	17476	18336	18993	19609	21203	21390
Hydro	37	37	37	37	37	37
Nuclear	510	510	510	510	510	485
Other	1743	1802	1815	1635	1763	2035
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	212050	216849	203175	190920	221054	227917
Biogas	5713	6979	7599	7465	6923	6485
Gas-diesel oil	559	516	473	430	688	1032
Refinery gas	19206	16038	14999	18860	17127	15642
Natural gas	534632	573756	610476	542429	449058	437315
Coke-oven gas	2560	1800	1991	1834	2211	2303
Blast furnace gas	24098	16509	23632	25114	25059	23533
Fuelwood	*18620	*27400	*30348	*26937	*27330	*16651
Vegetal waste	*7214	*7850	*10440	*10947	*11448	*12466
Municipal waste	54627	54060	54121	59331	71060	73980
Others	7674	1043	544	283	201	161
<b>Total input</b>	886953	922800	957798	884550	832159	817485
<b>Total production</b>	356141	375908	395492	372316	335171	329774
<b>Estimated efficiency (% of production to input)</b>	40	41	41	42	40	40

Statistics on electricity

New Caledonia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1881	1945	2131	2267	2288	2506
Combustible fuels	1384	1505	1811	1843	1827	1994
Hydro	460	397	265	375	399	455
Nuclear	..	..	..	..	..	..
Other	37	42	55	49	62	57
Main activity	1880	1944	2131	2256	2264	2299
Combustible fuels	1384	1505	1811	1833	1804	1788
Hydro	460	397	265	375	399	455
Nuclear	..	..	..	..	..	..
Other	36	42	54	49	61	56
Own use in electricity, CHP and heat plants	5	5	23	9	29	1
Net production	1876	1939	2108	2258	2259	2505
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	70	36	60	106	43	107
Consumption	1806	1903	2049	2152	2216	2398
Energy industries own use	..	..	..	..	..	..
By industry and construction	1259	1347	1469	1535	1580	1769
By transport	..	..	..	..	..	..
By households and other cons.	547	556	*579	*617	*636	629
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	444	494	500	498	503	556
Combustible fuels	333	383	383	380	384	437
Hydro	78	78	78	78	78	78
Nuclear	..	..	..	..	..	..
Other	33	33	40	41	41	41
Main activity	443	493	500	494	495	495
Combustible fuels	333	383	383	377	377	377
Hydro	78	78	78	78	78	78
Nuclear	..	..	..	..	..	..
Other	32	32	39	40	41	41
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	1385	2379	*7095	*7327	*7172	7730
Gas-diesel oil	340	344	*344	*430	*559	2722
Fuel oil	13696	13655	*12524	*12524	*12524	12593
Other kerosene	83	201	*175	*131	*88	83
Bitumen	..	..	..	..	..	52
<b>Total input</b>	15504	16579	*20138	*20413	*20343	23180
<b>Total production</b>	4982	5418	6520	6634	6576	7177
<b>Estimated efficiency (% of production to input)</b>	32	33	32	32	32	31



## Statistics on electricity

### New Zealand

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	43838	43453	44876	44465	44255	43256
Combustible fuels	16180	12834	12583	11218	13046	11734
Hydro	22336	24221	24716	25114	22901	23044
Nuclear	..	..	..	..	..	..
Other	5322	6398	7577	8133	8308	8478
Main activity	42514	42136	43485	43177	42886	41851
Combustible fuels	14975	11640	11319	10059	11785	10441
Hydro	22329	24209	24704	25102	22888	23031
Nuclear	..	..	..	..	..	..
Other	5210	6287	7462	8016	8213	8379
Own use in electricity, CHP and heat plants	1532	1373	1419	1357	1459	1381
Net production	42306	42080	43457	43108	42796	41875
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	3130	2992	3101	3009	2976	2903
Consumption	38823	38645	39701	39194	39132	38761
Energy industries own use	500	512	548	593	611	872
By industry and construction	14221	13609	14726	14709	13947	13467
By transport	57	58	60	62	62	62
By households and other cons.	24045	24466	24367	23830	24512	24360
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	9373	9404	9457	9765	9615	9622
Combustible fuels	3066	2929	2929	3138	2988	2738
Hydro	5371	5326	5254	5254	5254	5263
Nuclear	..	..	..	..	..	..
Other	936	1149	1274	1373	1373	1621
Main activity	9112	9151	9206	9514	9364	9371
Combustible fuels	2837	2706	2708	2917	2767	2517
Hydro	5368	5323	5251	5251	5251	5260
Nuclear	..	..	..	..	..	..
Other	907	1122	1247	1346	1346	1594
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	27678	18088	9170	10906	19096	11592
Biogas	2354	2498	2534	2720	2642	2584
Gas-diesel oil	1333	86	0	0	43	43
Natural gas	84171	71231	81987	70248	71157	71128
Coke-oven gas	2101	1907	2181	1836	1846	2130
Blast furnace gas	4950	4857	5591	4921	5530	5541
Fuelwood	3546	3858	3976	3997	3860	3961
<b>Total input</b>	126133	102525	105439	94628	104174	96979
<b>Total production</b>	58248	46202	45299	40385	46966	42242
<b>Estimated efficiency (% of production to input)</b>	46	45	43	43	45	44

**Statistics on electricity**
**Nicaragua**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	3361	3453	3659	3824	4031	4163
Combustible fuels	2505	2749	2690	2896	2759	2466
Hydro	534	297	504	444	419	456
Nuclear	..	..	..	..	..	..
Other	322	407	465	484	853	1241
Main activity	2975	3048	3230	3405	3529	3628
Combustible fuels	2119	2344	2261	2477	2258	1932
Hydro	534	297	504	444	418	455
Nuclear	..	..	..	..	..	..
Other	322	407	465	484	853	1241
Own use in electricity, CHP and heat plants	238	227	299	306	352	400
Net production	3123	3226	3360	3518	3679	3763
Imports	28	2	10	10	20	52
Exports	0	2	43	41	3	16
Losses	715	710	676	674	642	643
Consumption	2472	2520	2641	2821	2944	3196
Energy industries own use	..	..	..	..	..	..
By industry and construction	787	792	928	1010	1078	1065
By transport	..	..	..	..	..	..
By households and other cons.	1685	1728	1713	1811	1866	2131
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	896	983	1074	1110	1288	1292
Combustible fuels	703	749	817	853	870	869
Hydro	105	106	106	106	107	121
Nuclear	..	..	..	..	..	..
Other	88	128	151	151	311	302
Main activity	769	860	951	987	1153	1157
Combustible fuels	576	627	695	731	736	735
Hydro	105	105	105	105	106	120
Nuclear	..	..	..	..	..	..
Other	88	128	151	151	311	302
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	1161	817	559	602	602	473
Fuel oil	19513	21533	20968	22422	20362	17655
Bagasse	*9881	*10090	*9775	*9523	*11670	*15269
Vegetal waste	*605	*1429	*1834	*2196	*2755	*3794
<b>Total input</b>	31160	33869	33136	34743	35389	*37191
<b>Total production</b>	9018	9896	9684	10426	9932	8878
<b>Estimated efficiency (% of production to input)</b>	29	29	29	30	28	24

**Statistics on electricity**
**Niger**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	226	254	292	324	392	438
Combustible fuels	226	254	292	324	392	438
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	213	234	269	270	338	399
Combustible fuels	213	234	269	270	338	399
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	39	37	42	42	45	44
Net production	187	217	250	282	347	394
Imports	462	535	551	607	637	602
Exports	2	2	2	4	4	3
Losses	90	115	114	138	157	149
Consumption	555	634	685	747	826	836
Energy industries own use	..	..	..	..	..	..
By industry and construction	203	192	196	225	238	225
By transport	..	..	..	..	..	..
By households and other cons.	352	442	489	521	588	611
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	134	135	*135	*135	*135	*135
Combustible fuels	133	134	*134	*134	*134	*134
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	*1	*1	*1	*1
Main activity	104	105	*105	*105	*105	*105
Combustible fuels	104	105	*105	*105	*105	*105
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	4169	4458	5575	6220	6525	5800
Gas-diesel oil	503	645	899	980	1441	2060
Fuel oil	89	133	137	0	0	0
<b>Total input</b>	4761	5237	6611	7201	7965	7860
<b>Total production</b>	812	914	1051	1166	1410	1576
<b>Estimated efficiency (% of production to input)</b>	17	17	16	16	18	20

**Statistics on electricity**
**Nigeria**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	21110	19777	26121	27034	28706	28961
Combustible fuels	15389	15248	19747	21151	23047	23635
Hydro	5721	4529	6374	5883	5659	5326
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	15642	14655	19356	20032	21271	23690
Combustible fuels	10038	10218	13112	14269	15727	18473
Hydro	5604	4437	6244	5763	5544	5217
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	604	566	748	774	822	829
Net production	20506	19211	25373	26260	27884	28132
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1989	1160	4497	2581	2485	4443
Consumption	18517	18051	20876	23679	25399	23689
Energy industries own use	201	140	216	232	240	202
By industry and construction	3502	3109	3249	3699	3983	3899
By transport	..	..	..	..	..	..
By households and other cons.	14814	14802	17411	19748	21176	19588
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*8469	*8694	*8417	*8902	*8902	*9822
Combustible fuels	*6531	*6764	*6487	*6972	*6972	*7892
Hydro	*1938	*1930	*1930	*1930	*1930	*1930
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*6470	*6625	*6431	*6770	*6770	*7690
Combustible fuels	*4572	*4735	*4541	*4880	*4880	*5800
Hydro	*1898	*1890	*1890	*1890	*1890	*1890
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Natural gas	153890	152480	197470	211510	230470	236350
<b>Total input</b>	153890	152480	197470	211510	230470	236350
<b>Total production</b>	55400	54893	71089	76144	82969	85086
<b>Estimated efficiency (% of production to input)</b>	36	36	36	36	36	36

## Statistics on electricity

### Niue

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*3	*3	*3	*3	*3	*3
Combustible fuels	*3	*3	*3	*3	*3	*3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*3	*3	*3	*3	*3	*3
Combustible fuels	*3	*3	*3	*3	*3	*3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*3	*3	*3	*3	*3	*3
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*3	*3	*3	*3	*3	*3
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*3	*3	*3	*3	*3	*3
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*1	*1	*1	*1	*1	*1
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*1	*1	*1	*1	*1	*1
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*33	*33	*33	*33	*33	*33
<b>Total input</b>	*33	*33	*33	*33	*33	*33
<b>Total production</b>	*11	*11	*11	*11	*11	*11
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	33

Statistics on electricity

Northern Mariana Islands

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*394	*397	*400	*400	*400	*400
Combustible fuels	*394	*397	*400	*400	*400	*400
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*394	*397	*400	*400	*400	*400
Combustible fuels	*394	*397	*400	*400	*400	*400
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*394	*397	*400	*400	*400	*400
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*88	*89	*90	*90	*90	*90
Consumption	*304	*308	*310	*310	*310	*310
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*304	*308	*310	*310	*310	*310
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*59	*59	*59	*59	*59	*59
Combustible fuels	*59	*59	*59	*59	*59	*59
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*59	*59	*59	*59	*59	*59
Combustible fuels	*59	*59	*59	*59	*59	*59
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
<b>Total input</b>	..	..	..	..	..	..
<b>Total production</b>	*1417	*1429	*1440	*1440	*1440	*1440
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	..	..

## Statistics on electricity

### Norway

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	142134	131773	123640	127632	147716	134240
Combustible fuels	1070	4644	5454	4716	3354	3174
Hydro	139981	126077	117152	121552	142812	129022
Nuclear	..	..	..	..	..	..
Other	1083	1052	1034	1364	1550	2044
Main activity	135313	122260	113590	118094	139097	125768
Combustible fuels	265	208	303	337	457	479
Hydro	134093	121070	112379	116451	137092	123395
Nuclear	..	..	..	..	..	..
Other	955	982	908	1306	1548	1894
Own use in electricity, CHP and heat plants	637	608	569	570	560	608
Net production	141497	131165	123071	127062	147156	133632
Imports	3412	5651	14673	11255	4190	10136
Exports	17275	14634	7124	14329	22006	15169
Losses	9704	7578	9491	8109	9098	10721
Consumption	117258	113709	120283	115215	119306	116878
Energy industries own use	5237	6422	6832	7826	8612	7608
By industry and construction	50656	41289	44544	44043	43489	43474
By transport	684	660	690	689	684	731
By households and other cons.	60681	65338	68217	62657	66521	65065
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	30557	31255	31688	32082	32860	32860
Combustible fuels	714	1258	1535	1566	1611	1611
Hydro	29413	29539	29693	29969	30509	30509
Nuclear	..	..	..	..	..	..
Other	430	458	460	547	740	740
Main activity	29459	29616	29614	30008	30786	30786
Combustible fuels	526	529	542	573	618	618
Hydro	28525	28651	28634	28910	29450	29450
Nuclear	..	..	..	..	..	..
Other	408	436	438	525	718	718
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	568	671	671	645	568	645
Biogas	156	85	88	82	81	72
Gas-diesel oil	129	129	129	129	172	129
Liquefied petroleum gas	0	0	0	0	0	0
Natural gas	2731	25481	36196	27350	18408	16722
Blast furnace gas	484	292	329	523	694	507
Fuelwood	1680	866	1271	1286	1350	1327
Municipal waste	4140	3146	6880	8910	9500	11647
Industrial waste	103	60	115	115	295	112
Other liquid biofuels	..	..	..	..	..	0
Others	..	..	..	0	0	..
<b>Total input</b>	9991	30730	45679	39040	31068	31161
<b>Total production</b>	3852	16718	19634	16978	12074	11426
<b>Estimated efficiency (% of production to input)</b>	39	54	43	43	39	37

## Statistics on electricity

### Oman

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	16049	18445	19819	21874	25017	26240
Combustible fuels	16049	18445	19819	21874	25017	26240
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	16049	18445	19819	21874	25017	26240
Combustible fuels	16049	18445	19819	21874	25017	26240
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	329	622	659	520	652	579
Net production	15720	17823	19160	21354	24365	25661
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2870	3340	3027	2842	3410	2871
Consumption	12850	14483	16134	18513	20956	22790
Energy industries own use	..	..	..	..	..	..
By industry and construction	983	1175	1541	2584	3436	3686
By transport	..	..	..	..	..	..
By households and other cons.	11867	13308	14593	15929	17520	19104
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	3859	4202	4265	4861	5808	6598
Combustible fuels	3859	4202	4265	4861	5808	6598
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3859	4202	4265	4861	5808	6598
Combustible fuels	3859	4202	4265	4861	5808	6598
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	3741	4601	5461	5676	6278	7009
Natural gas	206101	230855	243816	258630	289917	285971
<b>Total input</b>	209842	235456	249277	264306	296195	292980
<b>Total production</b>	57776	66402	71348	78746	90061	94464
<b>Estimated efficiency (% of production to input)</b>	28	28	29	30	30	32



**Statistics on electricity**
**Pakistan**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	91616	95358	94383	95090	*96126	97792
Combustible fuels	62214	64371	59152	61308	*61716	61865
Hydro	27784	28093	31811	28517	*29857	31173
Nuclear	1618	2894	3420	5265	*4553	4754
Other	..	..	..	..	..	..
Main activity	57185	58544	57169	55416	*55952	57792
Combustible fuels	27783	27557	21938	21634	*21542	21865
Hydro	27784	28093	31811	28517	*29857	31173
Nuclear	1618	2894	3420	5265	*4553	4754
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2077	2303	2239	2550	*3341	3394
Net production	89539	93055	92144	92540	*92785	94398
Imports	227	249	269	274	*375	392
Exports	..	..	..	..	..	..
Losses	19396	18957	15315	16054	*16372	16657
Consumption	70372	74347	77099	76761	*76788	78890
Energy industries own use	..	..	..	..	..	..
By industry and construction	19330	19823	21207	21801	*22313	23297
By transport	5	2	1	1	0	..
By households and other cons.	51037	54522	55891	54959	*54475	55593
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	19785	20921	22477	22797	*23914	*23914
Combustible fuels	12842	13978	15209	15454	*16488	*16488
Hydro	6481	6481	6481	6556	*6541	*6541
Nuclear	462	462	787	787	*885	*885
Other	..	..	..	..	..	..
Main activity	13798	13798	14114	14444	*14553	*14553
Combustible fuels	6855	6855	6846	7101	*7127	*7127
Hydro	6481	6481	6481	6556	*6541	*6541
Nuclear	462	462	787	787	*885	*885
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	2915	3225	2477	2709	*1625	1703
Gas-diesel oil	7112	10737	4300	8308	*8944	9331
Fuel oil	299162	346010	324776	299021	*306353	317342
Natural gas	346089	314128	287024	297593	*313145	297299
<b>Total input</b>	655279	674100	618576	607630	*630068	625675
<b>Total production</b>	223970	231736	212947	220709	*222178	222714
<b>Estimated efficiency (% of production to input)</b>	34	34	34	36	35	36

## Statistics on electricity

### Palau

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*109	*101	*98	*96	*96	*96
Combustible fuels	*91	*83	*80	*78	*78	*78
Hydro	*18	*18	*18	*18	*18	*18
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*103	*95	*92	*90	*90	*90
Combustible fuels	*85	*77	*74	*72	*72	*72
Hydro	*18	*18	*18	*18	*18	*18
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*5	*5	*5	*5	*5	*5
Net production	*104	*96	*93	*91	*91	*91
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*20	*20	*20	*20	*20	*20
Consumption	84	76	73	71	*71	*71
Energy industries own use	..	..	..	..	..	..
By industry and construction	*10	*10	*6	6	*6	*6
By transport	..	..	..	..	..	..
By households and other cons.	74	66	67	65	*65	*65
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*52	*52	*52	*52	*52	*52
Combustible fuels	*42	*42	*42	*42	*42	*42
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*50	*50	*50	*50	*50	*50
Combustible fuels	*40	*40	*40	*40	*40	*40
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*258	*258	*262	*267	*267	*301
Fuel oil	*1172	*1172	*1252	*1273	*1273	*1273
<b>Total input</b>	*1430	*1430	*1515	*1539	*1539	*1574
<b>Total production</b>	*328	*298	*289	*279	*279	*279
<b>Estimated efficiency (% of production to input)</b>	23	21	19	18	18	18

**Statistics on electricity**
**Panama**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	6428	6909	7419	7857	8606	8962
Combustible fuels	2456	3012	3225	3759	3218	3808
Hydro	3972	3897	4194	4098	5388	5154
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6409	6892	7397	7834	8580	8929
Combustible fuels	2437	2995	3203	3736	3192	3775
Hydro	3972	3897	4194	4098	5388	5154
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	7	7	7	8	8	8
Net production	6421	6902	7412	7849	8598	8954
Imports	105	64	71	72	19	75
Exports	32	95	39	8	59	71
Losses	908	908	1080	1080	1177	1206
Consumption	5567	6018	6388	6695	7176	7511
Energy industries own use	..	..	..	..	..	..
By industry and construction	506	570	651	660	695	706
By transport	..	..	..	..	..	..
By households and other cons.	5061	5448	5737	6035	6481	6805
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1658	1819	1976	2391	2422	2546
Combustible fuels	789	940	1040	1040	954	1032
Hydro	869	879	936	1351	1468	1494
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	20
Main activity	1453	1603	1752	2167	2198	2333
Combustible fuels	646	785	881	881	795	879
Hydro	807	818	871	1286	1403	1434
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	20
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	..	..	..	6115	8333	8798
Gas-diesel oil	4945	5203	8084	10062	3010	5676
Fuel oil	18261	22503	21695	20038	18301	12484
Bagasse	2439	1992	2189	2221	2476	3081
<b>Total input</b>	25645	29698	31968	38436	32121	30038
<b>Total production</b>	8842	10843	11610	13534	11583	13708
<b>Estimated efficiency (% of production to input)</b>	34	37	36	35	36	46

Statistics on electricity

Papua New Guinea

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	3131	3341	3425	3525	*3525	*4176
Combustible fuels	2276	2487	2439	2539	*2539	*3175
Hydro	855	854	987	987	*987	1000
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	725	770	960	960	*960	977
Combustible fuels	230	276	334	334	*334	337
Hydro	495	494	627	627	*627	640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	105	111	100	102	*102	*116
Net production	3026	3230	3325	3423	*3423	*4060
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*240	190	196	196	*196	*200
Consumption	*2930	3103	3224	3259	3329	3926
Energy industries own use	..	..	..	..	..	..
By industry and construction	*2045	2268	2362	2362	2432	2985
By transport	..	..	..	..	..	..
By households and other cons.	*885	*835	*862	*897	*897	*942
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*697	*707	*732	*732	*732	*802
Combustible fuels	*459	*469	*478	*478	*478	*548
Hydro	*238	*238	254	254	*254	*254
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*272	*272	273	273	*273	*273
Combustible fuels	*109	*109	118	118	*118	*118
Hydro	*163	*163	155	155	*155	*155
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	9460	11180	10320	10965	4312	8625
Fuel oil	12120	12605	12524	12928	17920	15072
Natural gas	5658	5658	5658	5896	5024	5150
<b>Total input</b>	27238	29443	28502	29789	27256	28847
<b>Total production</b>	8194	8951	8779	9139	*9139	*11431
<b>Estimated efficiency (% of production to input)</b>	30	30	31	31	34	40

## Statistics on electricity

### Paraguay

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	55454	54950	54066	57625	60237	60381
Combustible fuels	1	1	1	1	3	3
Hydro	55454	54949	54065	57624	60234	60378
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	55454	54950	54066	57625	60237	60381
Combustible fuels	1	1	1	1	3	3
Hydro	55454	54949	54065	57624	60234	60378
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	274	245	456	501	507	506
Net production	55181	54705	53610	57124	59730	59875
Imports	0	..	..	..	..	..
Exports	46292	45123	43378	46120	47663	47365
Losses	2913	3130	3362	3433	3845	3492
Consumption	5975	6451	6870	7571	8222	9017
Energy industries own use	..	..	..	..	..	..
By industry and construction	2672	2736	2889	3114	3343	3567
By transport	..	..	..	..	..	..
By households and other cons.	3302	3716	3980	4456	4879	5451
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	8116	8816	8816	8816	8816	8825
Combustible fuels	6	6	6	6	6	15
Hydro	8110	8810	8810	8810	8810	8810
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	8116	8816	8816	8816	8816	8825
Combustible fuels	6	6	6	6	6	15
Hydro	8110	8810	8810	8810	8810	8810
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	4	4	5	6	22	22
<b>Total input</b>	4	4	5	6	22	22
<b>Total production</b>	2	2	3	3	11	11
<b>Estimated efficiency (% of production to input)</b>	53	54	56	48	51	51

## Statistics on electricity

### Peru

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	32430	32929	35890	*39223	39909	43330
Combustible fuels	13389	13437	15847	17248	*17816	20812
Hydro	19040	19491	20042	*21974	22032	22320
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	61	198
Main activity	30562	30907	33529	*36666	37234	40665
Combustible fuels	11953	11899	13970	15220	*15682	18757
Hydro	18608	19007	19558	*21444	21491	21709
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	61	198
Own use in electricity, CHP and heat plants	535	499	563	332	564	564
Net production	31895	32430	35327	*38891	39345	42766
Imports	0	0	0	6	5	0
Exports	0	63	112	0	2	0
Losses	2658	2686	3634	2277	3380	*3459
Consumption	29238	29681	34297	36619	35969	39307
Energy industries own use	..	..	..	..	..	..
By industry and construction	16031	15538	16789	18060	19027	20792
By transport	0	0	2715	3415	3	3
By households and other cons.	13207	14143	14793	15144	16939	18511
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	7158	7983	8614	8691	9699	11051
Combustible fuels	3915	4709	5175	5240	6134	7414
Hydro	3242	3273	3438	3451	3484	3556
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	81	81
Main activity	5998	6724	7310	7314	8267	9635
Combustible fuels	2845	3540	3964	3957	4806	6104
Hydro	3152	3183	3345	3357	3381	3451
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	81	81
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	9262	9520	10578	10475	8488	11636
Biogas	0	0	0	0	877	806
Gas-diesel oil	10535	7353	7095	7009	7955	5633
Fuel oil	16281	13776	18988	21897	8201	8565
Refinery gas	198	198	198	1238	1238	1287
Natural gas	94979	114228	145576	149954	164487	150325
Bagasse	..	..	..	12502	10324	15622
Vegetal waste	5549	6622	8358	..	..	..
Biodiesel	..	110	258	0	0	0
<b>Total input</b>	136804	151808	191051	203074	201570	193873
<b>Total production</b>	48200	48373	57049	62092	*64138	74925
<b>Estimated efficiency (% of production to input)</b>	35	32	30	31	32	39

**Statistics on electricity**
**Philippines**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	60855	61968	67777	69210	72956	75300
Combustible fuels	40210	41774	49964	49463	52360	55592
Hydro	9860	9805	7820	9715	10269	10036
Nuclear	..	..	..	..	..	..
Other	10785	10389	9992	10032	10327	9672
Main activity	60821	61934	67743	69176	72922	75266
Combustible fuels	40193	41757	49947	49446	52343	55575
Hydro	9843	9788	7803	9698	10252	10019
Nuclear	..	..	..	..	..	..
Other	10785	10389	9992	10032	10327	9672
Own use in electricity, CHP and heat plants	3935	3524	4677	5399	5351	5545
Net production	56920	58444	63100	63811	67605	69755
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	7680	7542	7800	7680	8360	7741
Consumption	49205	50868	55266	56098	59211	61566
Energy industries own use	..	..	..	..	..	..
By industry and construction	17031	17084	18576	19334	20071	20677
By transport	111	111	109	111	117	112
By households and other cons.	32063	33673	36581	36653	39023	40777
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	15706	15635	16386	16189	17052	*17052
Combustible fuels	10407	10311	10931	10782	11514	*11514
Hydro	3307	3307	3416	3507	3537	*3537
Nuclear	..	..	..	..	..	..
Other	1992	2017	2039	1900	2001	*2001
Main activity	15680	15609	16360	16163	17026	*17026
Combustible fuels	10397	10301	10921	10772	11504	*11504
Hydro	3291	3291	3400	3491	3521	*3521
Nuclear	..	..	..	..	..	..
Other	1992	2017	2039	1900	2001	*2001
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	118259	117831	135003	153457	167122	207068
Gas-diesel oil	10286	11507	14573	7994	8544	10913
Fuel oil	32821	38764	48617	25973	32869	35055
Natural gas	140347	146914	137502	147207	141006	128778
Bagasse	..	..	180	998	2035	2122
Municipal waste	..	167	175	533	450	729
Biodiesel	78	204	256	55	152	193
<b>Total input</b>	301791	315387	336307	336217	352179	384859
<b>Total production</b>	144756	150387	179871	178068	188497	200131
<b>Estimated efficiency (% of production to input)</b>	48	48	53	53	54	52

## Statistics on electricity

### Poland

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	155305	151720	157657	163548	162139	164557
Combustible fuels	151721	147669	152422	157477	154845	155444
Hydro	2747	2974	3488	2761	2465	2997
Nuclear	..	..	..	..	..	..
Other	837	1077	1747	3310	4829	6116
Main activity	148564	144838	149691	155206	153690	155640
Combustible fuels	144982	140789	144541	149242	146480	146642
Hydro	2745	2972	3486	2759	2463	2994
Nuclear	..	..	..	..	..	..
Other	837	1077	1664	3205	4747	6004
Own use in electricity, CHP and heat plants	13831	13829	14200	14635	14490	14514
Net production	141474	137891	143457	148913	147649	150043
Imports	9034	7403	6310	6780	9803	7801
Exports	9703	9594	7664	12022	12643	12322
Losses	12589	12533	11851	10638	10884	10247
Consumption	128216	123167	130252	133033	133925	135275
Energy industries own use	10584	10450	11189	11058	11251	11216
By industry and construction	44255	39801	41825	44615	45219	47828
By transport	3544	3220	3338	3317	3200	3156
By households and other cons.	69833	69696	73900	74043	74255	73075
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	32677	33032	33360	34554	35283	35815
Combustible fuels	29816	29985	29908	30405	30365	30027
Hydro	2335	2338	2342	2346	2351	2355
Nuclear	..	..	..	..	..	..
Other	526	709	1110	1803	2567	3433
Main activity	31054	31375	31564	32823	33514	34009
Combustible fuels	28194	28329	28115	28678	28600	28226
Hydro	2334	2337	2341	2345	2350	2354
Nuclear	..	..	..	..	..	..
Other	526	709	1108	1800	2564	3429
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	1125370	1071164	1140592	1133678	1040204	1049544
Brown Coal	820582	784364	779758	864766	886018	910462
Biogas	3017	3096	2763	3312	4204	4872
Fuel oil	19715	18907	20927	16402	14665	12726
Natural gas	44900	45628	45252	53135	57640	47363
Coke-oven gas	23570	18525	20215	17958	17309	19410
Blast furnace gas	9766	7443	9954	11001	11328	11729
Fuelwood	*26794	*40896	*47153	*56619	65251	*64200
Vegetal waste	*9360	*12251	*17088	*21502	*39850	*21400
Other recovered gases	4502	4813	5026	5332	5202	5247
Others	2278	2874	3540	3096	2869	3076
<b>Total input</b>	2089854	2009961	2092268	2186801	2144540	2150029
<b>Total production</b>	546196	531608	548719	566917	557442	559598
<b>Estimated efficiency (% of production to input)</b>	26	26	26	26	26	26



## Statistics on electricity

### Portugal

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	45969	50207	54090	52463	46614	51672
Combustible fuels	32686	33277	27950	30693	29151	24110
Hydro	7296	9009	16547	12115	6660	14868
Nuclear	..	..	..	..	..	..
Other	5987	7921	9593	9655	10803	12694
Main activity	39927	43693	46348	44116	38270	42662
Combustible fuels	26658	26779	20230	22442	20967	15330
Hydro	7282	8993	16528	12101	6650	14848
Nuclear	..	..	..	..	..	..
Other	5987	7921	9590	9573	10653	12484
Own use in electricity, CHP and heat plants	1390	1489	1308	1335	1361	1261
Net production	44579	48718	52782	51128	45253	50411
Imports	10744	7598	5814	6742	10766	8100
Exports	1313	2822	3191	3929	2871	5324
Losses	4184	3792	4280	4090	4707	5455
Consumption	49826	49702	51125	49851	48441	47732
Energy industries own use	1474	1847	1237	1487	2200	2475
By industry and construction	17617	16173	17468	16957	15932	15993
By transport	502	483	475	404	401	390
By households and other cons.	30233	31199	31945	31003	29908	28874
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	15766	17403	18932	19924	19752	18905
Combustible fuels	7767	8846	9871	9936	9360	8308
Hydro	5058	5091	5106	5535	5717	5666
Nuclear	..	..	..	..	..	..
Other	2941	3466	3955	4453	4675	4931
Main activity	14264	15718	17106	17969	17640	16846
Combustible fuels	6270	7167	8051	8051	7357	6409
Hydro	5053	5085	5100	5529	5711	5660
Nuclear	..	..	..	..	..	..
Other	2941	3466	3955	4389	4572	4777
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	104026	119660	67338	95254	124769	113830
Biogas	962	996	1287	1883	2362	2736
Gas-diesel oil	903	946	1161	860	860	860
Fuel oil	37168	29856	23109	19796	15958	11393
Refinery gas	1139	941	1485	743	941	1188
Natural gas	118841	119662	129071	127891	98507	79197
Vegetal waste	*7143	*8058	*8115	*8748	*8891	*8996
Municipal waste	7652	8293	8030	8245	7197	8097
Industrial waste	116	83	343	216	127	101
Biodiesel	..	..	..	..	..	37
<b>Total input</b>	277949	288495	239939	263635	259611	226434
<b>Total production</b>	117670	119797	100620	110495	104944	86796
<b>Estimated efficiency (% of production to input)</b>	42	42	42	42	40	38

**Statistics on electricity**
**Puerto Rico**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	23117	23239	23497	22507	22556	21743
Combustible fuels	22961	23069	23365	22358	22429	21509
Hydro	156	170	133	150	125	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	2	144
Main activity	22867	22989	23247	22257	22306	21493
Combustible fuels	22711	22819	23115	22108	22179	21259
Hydro	156	170	133	150	125	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	2	144
Own use in electricity, CHP and heat plants	846	1226	688	618	1102	484
Net production	22271	22013	22809	21890	21454	21259
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*970	*1789	*1855	*1663	*1622	*1303
Consumption	21051	19975	20704	19977	19582	19706
Energy industries own use	..	..	..	..	..	..
By industry and construction	3743	3290	3048	2882	2779	2579
By transport	..	..	..	..	..	..
By households and other cons.	17309	16685	17656	17095	16803	17127
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	5325	5925	5901	5900	5903	6024
Combustible fuels	5169	5825	5801	5800	5800	5800
Hydro	156	100	100	100	100	100
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	*3	124
Main activity	5264	5864	5840	5839	5842	5963
Combustible fuels	5108	5764	5740	5739	5739	5739
Hydro	156	100	100	100	100	100
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	*3	124
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	38700	38700	38700	38700	38700	32327
Fuel oil	*210565	153627	159931	145739	149522	142871
Natural gas	31462	29521	29995	29257	53059	60856
<b>Total input</b>	*280727	221848	228626	213696	241281	236055
<b>Total production</b>	82660	83048	84112	80488	80743	77431
<b>Estimated efficiency (% of production to input)</b>	29	37	37	38	33	33

## Statistics on electricity

### Qatar

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	21616	24158	28144	30730	34787	34668
Combustible fuels	21616	24158	28144	30730	34787	34668
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3651	3037	2422	2360	2988	3090
Combustible fuels	3651	3037	2422	2360	2988	3090
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1869	1510	1759	2347	2436	2444
Net production	19747	22648	26385	28383	32351	32224
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1530	1517	1767	624	2168	2159
Consumption	18217	21131	24618	27759	30184	30066
Energy industries own use	..	..	..	..	..	..
By industry and construction	4880	6327	7773	9089	9798	9944
By transport	..	..	..	..	..	..
By households and other cons.	13337	14804	16845	18670	20386	20122
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*4314	*5321	7830	7830	7830	8791
Combustible fuels	*4314	*5321	7830	7830	7830	8791
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*756	*1650	2398	2398	2398	2691
Combustible fuels	*756	*1650	2398	2398	2398	2691
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Natural gas	229779	243900	276270	299648	341440	442417
<b>Total input</b>	229779	243900	276270	299648	341440	442417
<b>Total production</b>	77818	86969	101318	110628	125233	124805
<b>Estimated efficiency (% of production to input)</b>	34	36	37	37	37	28

**Statistics on electricity**
**Republic of Moldova**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1096	1033	1064	1016	932	905
Combustible fuels	1014	978	985	940	898	859
Hydro	82	55	79	76	34	45
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	1
Main activity	1045	1012	1026	982	900	861
Combustible fuels	963	957	947	906	866	815
Hydro	82	55	79	76	34	45
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	1
Own use in electricity, CHP and heat plants	150	146	141	136	129	123
Net production	946	887	923	880	803	782
Imports	2958	2941	3033	3145	3279	3332
Exports	..	..	..	..	..	..
Losses	630	450	468	453	446	431
Consumption	3274	3378	3488	3571	3636	3683
Energy industries own use	44	197	200	191	166	37
By industry and construction	764	688	790	815	845	873
By transport	62	50	46	50	54	59
By households and other cons.	2404	2443	2452	2515	2571	2714
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	503	504	502	503	487	488
Combustible fuels	487	488	486	487	471	471
Hydro	16	16	16	16	16	16
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	*1
Main activity	346	346	346	346	346	347
Combustible fuels	330	330	330	330	330	330
Hydro	16	16	16	16	16	16
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	0	0	0	0	0	0
Biogas	0	0	0	0	0	36
Gas-diesel oil	0	43	0	0	0	0
Fuel oil	364	929	808	606	485	566
Other oil products	0	0	0	0	0	0
Natural gas	29975	28330	28827	28080	27698	27061
Fuelwood	0	0	0	0	0	0
Vegetal waste	0	0	0	0	0	0
Industrial waste	0	0	0	0	0	0
<b>Total input</b>	30339	29302	29635	28686	28183	27663
<b>Total production</b>	3650	3521	3546	3384	3233	3092
<b>Estimated efficiency (% of production to input)</b>	12	12	12	12	11	11

**Statistics on electricity**
**Réunion**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2546	2618	2700	2750	2812	2813
Combustible fuels	1893	2052	2065	2195	2114	2017
Hydro	632	531	542	401	488	557
Nuclear	..	..	..	..	..	..
Other	*21	36	93	154	209	239
Main activity	2546	2618	2700	2750	2812	2813
Combustible fuels	1893	2052	2065	2195	2114	2017
Hydro	632	531	542	401	488	557
Nuclear	..	..	..	..	..	..
Other	*21	36	93	154	209	239
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	2546	2618	2700	2750	2812	2813
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	229	230	233	243	284	*284
Consumption	2317	2388	2467	2498	2540	*2541
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	2317	2388	2467	2498	2540	*2541
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	585	649	709	766	868	*897
Combustible fuels	439	471	471	477	567	*584
Hydro	121	121	133	146	134	*138
Nuclear	..	..	..	..	..	..
Other	25	57	104	144	167	175
Main activity	585	649	709	766	868	*897
Combustible fuels	439	471	471	477	567	*584
Hydro	121	121	133	146	134	*138
Nuclear	..	..	..	..	..	..
Other	25	57	104	144	167	175
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	17492	16788	17923	17634	18313	*18586
Biogas	*50	72	80	80	96	*99
Gas-diesel oil	985	2047	1677	2365	1780	*1729
Fuel oil	2291	3268	3050	3676	3123	*3030
Bagasse	3952	4161	4191	4082	4095	*4177
<b>Total input</b>	24770	26337	26922	27837	27407	*27621
<b>Total production</b>	6815	7385	7434	7903	7610	7261
<b>Estimated efficiency (% of production to input)</b>	28	28	28	28	28	26

## Statistics on electricity

### Romania

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	64956	58014	60979	62217	59045	58887
Combustible fuels	36530	30446	28807	34135	32594	27021
Hydro	17195	15807	20243	14946	12337	15308
Nuclear	11226	11752	11623	11747	11466	11618
Other	5	9	306	1389	2648	4940
Main activity	62060	55709	58322	59437	54793	52368
Combustible fuels	33775	28362	26424	31509	28686	21103
Hydro	17055	15587	19975	14817	12179	15062
Nuclear	11226	11752	11623	11747	11466	11618
Other	4	8	300	1364	2462	4585
Own use in electricity, CHP and heat plants	4856	5255	5056	5727	5351	4753
Net production	60100	52759	55923	56490	53694	54134
Imports	921	651	767	3410	3903	2737
Exports	5169	2946	3041	5316	3650	4753
Losses	7190	7029	7058	7141	7062	7021
Consumption	47894	43020	46440	47533	47213	45408
Energy industries own use	6081	5413	5123	4819	4827	4780
By industry and construction	22987	18183	20381	21083	20405	18823
By transport	1439	1383	1355	1424	1228	1126
By households and other cons.	17387	18041	19581	20207	20753	20679
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	19645	19551	19911	20499	21774	23033
Combustible fuels	11866	11675	11638	11616	11945	11393
Hydro	6362	6450	6474	6483	6548	6610
Nuclear	1411	1411	1411	1411	1411	1411
Other	6	15	388	989	1870	3619
Main activity	18877	18736	19146	19734	19734	19974
Combustible fuels	11159	10944	10962	10948	10425	9064
Hydro	6302	6368	6391	6411	6455	6509
Nuclear	1411	1411	1411	1411	1411	1411
Other	5	13	382	964	1443	2990
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	506086	450702	422688	516656	464828	349566
Biogas	7	5	8	88	183	422
Gas-diesel oil	172	129	215	215	258	344
Fuel oil	9413	13170	8080	7676	4888	1535
Refinery gas	990	1139	4703	5792	5396	3020
Other oil products	241	884	0	1849	2935	4020
Natural gas	149895	108541	104326	114919	116627	102871
Blast furnace gas	1025	366	868	315	235	449
Fuelwood	261	55	810	1366	1772	1947
Industrial waste	0	0	0	0	0	2
Others	0	0	0	0	0	0
<b>Total input</b>	668090	574991	541698	648876	597122	464176
<b>Total production</b>	131508	109606	103705	122886	117338	97276
<b>Estimated efficiency (% of production to input)</b>	20	19	19	19	20	21

**Statistics on electricity**
**Russian Federation**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1040379	991980	1038030	1054765	1070734	1059092
Combustible fuels	710113	651810	698709	713689	725399	703481
Hydro	166711	176118	168397	167608	167319	182654
Nuclear	163085	163584	170415	172941	177534	172508
Other	470	468	509	527	482	449
Main activity	984142	939616	976126	990657	1003553	994597
Combustible fuels	655313	600378	637713	650687	659241	640434
Hydro	165274	175186	167489	166502	166296	181206
Nuclear	163085	163584	170415	172941	177534	172508
Other	470	468	509	527	482	449
Own use in electricity, CHP and heat plants	67399	59456	68522	68259	69232	64342
Net production	972980	932524	969508	986506	1001502	994750
Imports	3105	3066	1644	1558	2661	4706
Exports	20738	17923	19091	24111	19143	18382
Losses	109240	106792	104933	105002	106667	106994
Consumption	846097	810645	853369	858951	876939	874080
Energy industries own use	120637	124409	126686	130127	136654	129989
By industry and construction	360082	311417	326849	332818	338608	336692
By transport	83098	81206	85284	90355	92041	90559
By households and other cons.	282280	293613	314550	305651	309636	316840
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	225238	225499	222935	222984	232685	239423
Combustible fuels	154778	153800	151114	151114	157845	163926
Hydro	47066	47308	47430	47479	49445	50104
Nuclear	23304	24300	24300	24300	25304	25304
Other	90	91	91	91	91	89
Main activity	207920	208283	205405	205454	214320	219789
Combustible fuels	138015	137143	134143	134143	139784	144744
Hydro	46511	46749	46871	46920	49141	49652
Nuclear	23304	24300	24300	24300	25304	25304
Other	90	91	91	91	91	89
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	1829220	1498051	1507184	1533449	1694750	1397225
Brown Coal	936180	816872	886662	898660	888748	852446
Peat	6080	6051	6403	8989	6744	11849
Gas-diesel oil	66220	56502	59770	59942	59727	56373
Fuel oil	169801	176104	93809	324170	332977	82820
Refinery gas	2228	2277	2426	2673	2030	1931
Natural gas	7167628	6791755	7399820	7876206	8031618	8427679
Coke-oven gas	61648	63540	73905	74001	70030	70600
Blast furnace gas	117841	119057	122886	123099	42842	51219
Industrial waste	67009	69391	79777	80023	79347	80246
Others	1009	1236	1297	1348	1437	1213
<b>Total input</b>	10424864	9600836	10233939	10982559	11210250	11033600
<b>Total production</b>	2556407	2346516	2515352	2569280	2611436	2532532
<b>Estimated efficiency (% of production to input)</b>	25	24	25	23	23	23

**Statistics on electricity**
**Rwanda**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	195	248	281	346	393	413
Combustible fuels	122	149	169	196	211	265
Hydro	72	99	112	149	182	148
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	195	248	281	346	393	413
Combustible fuels	122	149	169	196	211	265
Hydro	72	99	112	149	182	148
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Own use in electricity, CHP and heat plants	16	18	21	24	24	24
Net production	179	231	261	322	369	389
Imports	85	62	80	78	91	94
Exports	2	3	3	5	3	0
Losses	*36	*45	*51	*68	*78	*95
Consumption	225	246	287	326	380	388
Energy industries own use	..	..	..	..	..	..
By industry and construction	58	56	63	68	77	79
By transport	..	..	..	..	..	..
By households and other cons.	167	190	224	259	302	309
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	56	75	84	89	*99	*109
Combustible fuels	30	33	33	33	*36	*40
Hydro	27	42	51	57	*63	*69
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	56	75	84	89	*99	*109
Combustible fuels	30	33	33	33	*36	*40
Hydro	27	42	51	57	*63	*69
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1449	*1677	*1892	*2103	*2305	*2679
<b>Total input</b>	*1449	*1677	*1892	*2103	*2305	*2679
<b>Total production</b>	440	537	608	705	760	954
<b>Estimated efficiency (% of production to input)</b>	30	32	32	34	33	36



## Statistics on electricity

### Samoa

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	121	113	116	114	117	*118
Combustible fuels	72	74	69	79	80	*81
Hydro	49	39	48	35	37	*37
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	116	108	111	109	112	*113
Combustible fuels	67	69	64	74	75	*76
Hydro	49	39	48	35	37	*37
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2	1	1	1	*1	*1
Net production	119	112	116	114	117	*117
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*13	*13	*16	*16	*16	*15
Consumption	93	91	91	89	*93	*98
Energy industries own use	..	..	..	..	..	..
By industry and construction	4	5	5	6	*6	*8
By transport	..	..	..	..	..	..
By households and other cons.	89	87	86	83	*87	*90
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	42	42	*42	*42	*42	*42
Combustible fuels	30	30	*30	*30	*30	*30
Hydro	12	12	*12	*12	*12	*12
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	39	39	*39	*39	*39	*39
Combustible fuels	27	27	*27	*27	*27	*27
Hydro	12	12	*12	*12	*12	*12
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*671	*714	*757	817	*856	*860
<b>Total input</b>	*671	*714	*757	817	*856	*860
<b>Total production</b>	257	267	247	284	289	*292
<b>Estimated efficiency (% of production to input)</b>	38	37	33	35	34	34

**Statistics on electricity**
**Sao Tome and Principe**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*48	*52	57	*60	*67	*67
Combustible fuels	*40	*45	52	*54	*60	*60
Hydro	*8	*7	5	*6	*7	*7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*48	*52	57	*60	*67	*67
Combustible fuels	*40	*45	52	*54	*60	*60
Hydro	*8	*7	5	*6	*7	*7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*48	*52	57	*60	*67	*67
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*14	*15	15	*16	*16	*16
Consumption	*34	*38	42	*44	*51	*51
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*34	*38	42	*44	*51	*51
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	14	14	14	18	*18	*19
Combustible fuels	12	12	12	16	*16	*16
Hydro	2	2	2	*2	*2	*3
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	14	14	14	18	*18	*19
Combustible fuels	12	12	12	16	*16	*16
Hydro	2	2	2	*2	*2	*3
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*421	*482	559	*581	*624	*624
<b>Total input</b>	*421	*482	559	*581	*624	*624
<b>Total production</b>	*142	*162	189	*194	*216	*216
<b>Estimated efficiency (% of production to input)</b>	34	34	34	33	35	35

**Statistics on electricity**
**Saudi Arabia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	204200	217082	240067	250077	271680	284017
Combustible fuels	204200	217082	240067	250077	271679	284016
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	1	1
Main activity	176566	184070	186482	190280	207132	198900
Combustible fuels	176566	184070	186482	190280	207131	198899
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	1	1
Own use in electricity, CHP and heat plants	5391	5645	5696	6128	6826	6562
Net production	198809	211437	234371	243949	264854	277455
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	17712	17965	21388	23508	23780	20017
Consumption	181098	193472	212263	219662	241074	257438
Energy industries own use	10009	9591	9444	9269	9767	9212
By industry and construction	22173	24682	28619	32320	32075	41947
By transport	..	..	..	..	..	..
By households and other cons.	148916	159199	174200	178073	199232	206279
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	45774	44582	46374	51149	62133	*58472
Combustible fuels	45774	44582	46374	51149	62132	*58471
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	*1	*1
Main activity	40891	37802	36023	38919	47276	*44432
Combustible fuels	40891	37802	36023	38919	47275	*44431
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	*1	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Crude oil	388018	713897	857506	926455	920575	812710
Gas-diesel oil	444147	477085	486158	547304	575383	592540
Fuel oil	287971	161600	103505	148026	178164	181234
Natural gas	1336845	1288608	1403473	1380378	1538835	1751556
<b>Total input</b>	2456981	2641190	2850641	3002162	3212957	3338040
<b>Total production</b>	735120	781495	864241	900277	978044	1022458
<b>Estimated efficiency (% of production to input)</b>	30	30	30	30	30	31

## Statistics on electricity

### Senegal

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2402	2489	2618	2560	2917	3403
Combustible fuels	2402	2489	2618	2560	2917	3335
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	68
Main activity	1539	1895	1800	1357	1421	2730
Combustible fuels	1539	1895	1800	1357	1421	2730
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	64	62	58	34	41	39
Net production	2338	2427	2560	2526	2876	3364
Imports	229	*200	253	257	290	0
Exports	..	..	..	..	..	..
Losses	467	*560	269	265	302	593
Consumption	1949	2361	2056	2031	2313	3079
Energy industries own use	..	..	..	..	..	..
By industry and construction	642	*663	737	750	858	846
By transport	..	..	..	..	..	..
By households and other cons.	1307	1698	1319	1281	1455	2233
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	639	*639	686	827	854	*854
Combustible fuels	636	*636	686	827	854	*854
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*3	*3	..	..	..	..
Main activity	477	*477	493	483	489	*489
Combustible fuels	477	*477	493	483	489	*489
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1419	*1763	5117	7224	8686	5891
Fuel oil	*13655	*16362	21533	18099	18099	21735
Natural gas	429	677	971	752	1083	1519
Bagasse	*2723	*2249	*2900	*2863	*3072	*2055
<b>Total input</b>	*18226	*21051	30521	28938	30940	31200
<b>Total production</b>	8647	8960	9425	9216	10501	12006
<b>Estimated efficiency (% of production to input)</b>	47	43	31	32	34	38

**Statistics on electricity**
**Serbia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	37376	38322	38103	38600	36799	39877
Combustible fuels	27267	27178	25532	29357	26885	29024
Hydro	10109	11144	12571	9243	9914	10853
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	37130	38162	37817	38370	36628	39675
Combustible fuels	27021	27018	25246	29127	26714	28822
Hydro	10109	11144	12571	9243	9914	10853
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2607	2553	2402	2807	2597	2707
Net production	34769	35769	35701	35793	34202	37170
Imports	8875	5184	5620	6701	5781	4077
Exports	8802	6609	5917	6979	5392	6614
Losses	5903	5971	6024	5844	5609	5501
Consumption	28939	28373	29380	29671	28982	29132
Energy industries own use	1681	1563	1811	1680	1815	2229
By industry and construction	7066	6772	7287	7473	6931	7079
By transport	264	502	224	529	492	478
By households and other cons.	19928	19536	20058	19989	19744	19346
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	8385	8385	*8714	*8714	*8714	*8714
Combustible fuels	5554	5554	*5559	*5559	*5559	*5559
Hydro	2831	2831	*2835	*2835	*2835	*2835
Nuclear	..	..	..	..	..	..
Other	..	..	320	320	320	*320
Main activity	8355	8355	*8679	*8679	*8679	*8679
Combustible fuels	5524	5524	*5524	*5524	*5524	*5524
Hydro	2831	2831	*2835	*2835	*2835	*2835
Nuclear	..	..	..	..	..	..
Other	..	..	320	320	320	*320
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	26	0	77	0	0	155
Brown Coal	496874	509656	487984	547092	503748	530180
Lignite briquettes	455	124	1056	1014	869	787
Biogas	..	..	..	..	39	171
Gas-diesel oil	86	0	0	0	0	0
Fuel oil	2101	1778	5252	4969	2990	485
Natural gas	5404	4573	8846	10298	8588	8033
Blast furnace gas	0	1714	3753	3757	991	1142
Fuelwood	0	0	0	0	0	78
Industrial waste	0	0	0	0	50	38
Others	0	0	0	0	0	..
<b>Total input</b>	504946	517845	506968	567131	517275	541068
<b>Total production</b>	98161	97841	91915	105685	96786	104486
<b>Estimated efficiency (% of production to input)</b>	19	19	18	19	19	19

**Statistics on electricity**
**Seychelles**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	269	276	301	324	336	354
Combustible fuels	269	276	301	324	336	347
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	7
Main activity	269	276	301	324	336	354
Combustible fuels	269	276	301	324	336	347
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	7
Own use in electricity, CHP and heat plants	7	6	6	7	7	7
Net production	262	270	295	317	329	347
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*29	*32	*35	*37	*40	*40
Consumption	233	239	260	280	290	307
Energy industries own use	..	..	..	..	..	..
By industry and construction	102	106	118	138	165	177
By transport	..	..	..	..	..	..
By households and other cons.	131	133	142	142	124	130
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	89	89	89	89	89	*106
Combustible fuels	89	89	89	89	89	*100
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	6
Main activity	89	89	89	89	89	*106
Combustible fuels	89	89	89	89	89	*100
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	6
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*2653	*2636	*3010	*3268	*3354	*3354
Fuel oil	*291	*392	*299	*303	*323	*485
<b>Total input</b>	*2944	*3028	*3309	*3571	*3677	*3839
<b>Total production</b>	969	992	1084	1166	1211	1250
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	33

**Statistics on electricity**
**Sierra Leone**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*139	*132	*171	176	179	164
Combustible fuels	43	44	22	22	61	59
Hydro	*96	*88	*149	153	118	105
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*139	*132	*171	176	179	164
Combustible fuels	43	44	22	22	61	59
Hydro	*96	*88	*149	153	118	105
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	1	3	1	0	0
Net production	*138	*131	*167	175	178	164
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*60	64	82	89	78	95
Consumption	*78	68	85	86	100	69
Energy industries own use	..	..	..	..	..	..
By industry and construction	*26	23	25	35	32	29
By transport	..	..	..	..	..	..
By households and other cons.	*52	46	60	52	67	40
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*77	*77	77	77	77	77
Combustible fuels	27	27	27	27	27	27
Hydro	*50	*50	50	50	50	50
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*77	*77	77	77	77	77
Combustible fuels	27	27	27	27	27	27
Hydro	*50	*50	50	50	50	50
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*473	*495	*258	*258	*688	*774
<b>Total input</b>	*473	*495	*258	*258	*688	*774
<b>Total production</b>	155	158	78	80	218	212
<b>Estimated efficiency (% of production to input)</b>	33	32	30	31	32	27

**Statistics on electricity**
**Singapore**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	41665	41815	45361	46000	46971	47964
Combustible fuels	41665	41815	45361	46000	46971	47964
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	40618	40671	44097	44685	45197	45160
Combustible fuels	40618	40671	44097	44685	45197	45160
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1250	1339	1405	1358	1310	2007
Net production	40415	40476	43956	44642	45661	45957
Imports	..	..	..	..	..	..
Exports	1	..	..	..	..	..
Losses	1084	1091	*1162	*1115	*1034	*1034
Consumption	37783	38492	42300	43048	44294	44923
Energy industries own use	2023	0	0	0	0	0
By industry and construction	13459	15497	*17794	*18088	*18659	*18816
By transport	1454	1653	2143	2278	2391	2370
By households and other cons.	20847	21342	22362	22682	23244	23737
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	10453	10337	10225	10131	10296	11405
Combustible fuels	10453	10337	10225	10131	10296	11405
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	10453	10017	9917	9825	9982	10903
Combustible fuels	10453	10017	9917	9825	9982	10903
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	..	..	..	..	79	5631
Gas-diesel oil	903	774	5977	4343	2967	1075
Fuel oil	63711	60075	73649	75588	53207	19917
Refinery gas	..	13464	13514	14256	12227	10841
Natural gas	*262546	265375	277425	285757	314224	353927
Municipal waste	..	..	..	0	0	0
<b>Total input</b>	*327160	339688	370565	379945	382703	391391
<b>Total production</b>	149993	150532	163298	165601	169097	172672
<b>Estimated efficiency (% of production to input)</b>	46	44	44	44	44	44



**Statistics on electricity**
**Sint Maarten (Dutch part)**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	..	..	..	..	*281	*287
Combustible fuels	..	..	..	..	*281	*287
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	..	..	..	..	*281	*287
Combustible fuels	..	..	..	..	*281	*287
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	..	..	..	..	*27	*27
Net production	..	..	..	..	*255	*260
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	*45	*46
Consumption	..	..	..	..	*210	*214
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	*115	*117
By transport	..	..	..	..	..	..
By households and other cons.	..	..	..	..	*95	*97
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	..	..	..	..	*62	*63
Combustible fuels	..	..	..	..	*62	*63
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	..	..	..	..	*62	*63
Combustible fuels	..	..	..	..	*62	*63
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	..	..	..	..	*2614	*2670
<b>Total input</b>	..	..	..	..	*2614	*2670
<b>Total production</b>	..	..	..	..	*1013	*1034
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	39	39

## Statistics on electricity

### Slovakia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	28962	26155	27858	28656	28664	28832
Combustible fuels	7972	7425	7572	8619	8231	7283
Hydro	4241	4604	5649	4146	4439	5166
Nuclear	16703	14081	14574	15411	15495	15720
Other	46	45	63	480	499	663
Main activity	26210	24065	25818	26164	26128	26362
Combustible fuels	5354	5488	5703	6623	6192	5458
Hydro	4153	4496	5539	4045	4351	5060
Nuclear	16703	14081	14574	15411	15495	15720
Other	..	..	2	85	90	124
Own use in electricity, CHP and heat plants	2317	2053	2427	2566	2527	1660
Net production	26645	24102	25431	26090	26137	27172
Imports	9412	8994	7334	11227	13472	10719
Exports	8891	7682	6293	10500	13079	10628
Losses	1003	782	856	515	1274	760
Consumption	26160	24629	25613	26299	25237	26491
Energy industries own use	1395	1531	1478	1487	1300	1407
By industry and construction	12562	10768	10927	11241	11908	11785
By transport	550	503	538	536	560	567
By households and other cons.	11653	11827	12670	13035	11469	12732
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	7357	7153	7873	8363	8412	8513
Combustible fuels	2585	2824	3496	3382	3416	3432
Hydro	2548	2487	2516	2523	2522	2523
Nuclear	2200	1820	1820	1940	1939	1940
Other	24	22	41	518	535	618
Main activity	6720	6528	7258	7362	7370	7406
Combustible fuels	1997	2246	2945	2820	2833	2847
Hydro	2523	2462	2491	2494	2493	2493
Nuclear	2200	1820	1820	1940	1939	1940
Other	..	..	2	108	105	126
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	27941	19892	18292	17492	17286	15609
Brown Coal	39620	39928	39886	41692	38402	36428
Lignite briquettes	..	..	621	145	414	1139
Biogas	261	268	345	1072	1776	2072
Fuel oil	4202	10544	12201	11150	10262	8928
Natural gas	19397	22067	26043	30484	28153	26454
Coke-oven gas	1203	1021	1109	1102	1095	887
Blast furnace gas	1774	1459	1818	1756	1857	1697
Fuelwood	*1834	*2701	*4431	*4946	*8487	*7807
Black liquor	2090	*2667	*4041	*5106	*7630	*8053
Others	2156	2361	*2607	2820	1870	2385
<b>Total input</b>	100478	102908	111394	117766	117232	111459
<b>Total production</b>	28699	26730	27259	31028	29632	26219
<b>Estimated efficiency (% of production to input)</b>	29	26	24	26	25	24

**Statistics on electricity**
**Slovenia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	16399	16401	16433	16057	15729	16087
Combustible fuels	6107	5945	6066	6074	5958	5661
Hydro	4018	4713	4697	3703	4080	4907
Nuclear	6273	5739	5657	6215	5528	5300
Other	1	4	13	65	163	219
Main activity	15860	15935	15969	15623	15202	15481
Combustible fuels	5828	5645	5774	5825	5707	5414
Hydro	3758	4550	4537	3581	3961	4757
Nuclear	6273	5739	5657	6215	5528	5300
Other	1	1	1	2	6	10
Own use in electricity, CHP and heat plants	1042	1027	1030	1060	1031	986
Net production	15357	15374	15403	14997	14698	15101
Imports	6225	7780	8625	7036	7452	7521
Exports	7824	10839	10717	8298	8363	8684
Losses	812	893	982	823	875	848
Consumption	12945	11422	12329	12912	12912	13090
Energy industries own use	139	130	363	305	363	500
By industry and construction	6311	4966	5487	5864	5921	5878
By transport	196	156	173	164	159	154
By households and other cons.	6299	6170	6306	6579	6469	6558
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2989	3050	3193	3268	3351	3434
Combustible fuels	1295	1310	1261	1270	1267	1256
Hydro	1027	1070	1254	1253	1254	1299
Nuclear	666	666	666	688	688	688
Other	1	4	12	57	142	191
Main activity	2814	2863	3009	3040	3058	3095
Combustible fuels	1234	1242	1204	1213	1227	1214
Hydro	913	954	1138	1137	1138	1183
Nuclear	666	666	666	688	688	688
Other	1	1	1	2	5	10
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	0	52	103	52	77	129
Brown Coal	71190	68096	67732	69174	68208	61264
Biogas	508	850	1166	1404	1497	1357
Gas-diesel oil	129	215	86	129	129	86
Fuel oil	81	81	40	40	0	0
Natural gas	4440	5815	5213	4789	5158	4824
Fuelwood	*2654	*1619	*1524	*1566	*1380	*1495
Industrial waste	17	24	21	263	316	310
<b>Total input</b>	79019	76751	75886	77417	76765	69465
<b>Total production</b>	21985	21402	21838	21866	21449	20380
<b>Estimated efficiency (% of production to input)</b>	28	28	29	28	28	29

Statistics on electricity

Solomon Islands

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	86	84	87	83	83	89
Combustible fuels	86	84	87	83	83	89
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	78	76	79	75	75	81
Combustible fuels	78	76	79	75	75	81
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*2	*2	*2	2	2	*2
Net production	84	82	85	81	81	87
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*10	*10	*11	*10	*10	*10
Consumption	57	71	56	61	55	62
Energy industries own use	..	..	..	..	..	..
By industry and construction	33	51	37	39	39	38
By transport	..	..	..	..	..	..
By households and other cons.	25	20	19	22	17	24
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*36	*36	*36	*36	*36	*36
Combustible fuels	*36	*36	*36	*36	*36	*36
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*31	*31	*31	*31	*31	*31
Combustible fuels	*31	*31	*31	*31	*31	*31
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1152	*1221	*1299	*1226	*1234	*1277
<b>Total input</b>	*1152	*1221	*1299	*1226	*1234	*1277
<b>Total production</b>	311	301	315	298	300	321
<b>Estimated efficiency (% of production to input)</b>	27	25	24	24	24	25

## Statistics on electricity

### Somalia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	324	327	327	334	340	350
Combustible fuels	324	327	327	334	340	350
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	324	327	327	334	340	350
Combustible fuels	324	327	327	334	340	350
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	324	327	327	334	340	350
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*30	*32	*32	*33	*32	*35
Consumption	290	292	295	301	308	315
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	290	292	295	301	308	315
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	80	80	80	80	80	80
Combustible fuels	80	80	80	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	80	80	80	80	80	80
Combustible fuels	80	80	80	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*3569	*3612	*3612	*3655	*3698	*3698
<b>Total input</b>	*3569	*3612	*3612	*3655	*3698	*3698
<b>Total production</b>	1166	1177	1177	1202	1224	1260
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	34

**Statistics on electricity**
**South Africa**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	258291	249557	259608	262538	257919	256073
Combustible fuels	241206	232503	242401	243979	241678	237647
Hydro	3975	4142	5067	5019	4211	4040
Nuclear	13004	12806	12099	13502	11954	14106
Other	106	106	41	38	76	280
Main activity	247773	241093	251264	251746	247516	244851
Combustible fuels	230809	224165	234211	233340	231403	226548
Hydro	3854	4016	4913	4866	4083	3917
Nuclear	13004	12806	12099	13502	11954	14106
Other	106	106	41	38	76	280
Own use in electricity, CHP and heat plants	14951	14510	14896	14963	14683	14605
Net production	243340	235047	244712	247575	243236	241468
Imports	10572	12295	12193	11890	10006	9428
Exports	14168	14052	14668	14964	15035	13929
Losses	22465	24280	24468	21998	22221	21488
Consumption	217279	209010	217955	219855	213003	212289
Energy industries own use	15285	14325	15128	15314	15909	16223
By industry and construction	117387	114341	120268	121411	117110	116499
By transport	3571	3539	3591	3772	3827	3807
By households and other cons.	81036	76805	78968	79358	76157	75760
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	43738	*44813	*44813	*44813	*44820	*44170
Combustible fuels	41177	*42186	*42186	*42186	*42186	*41559
Hydro	696	*714	*714	*714	*714	*714
Nuclear	1842	*1890	*1890	*1890	*1890	*1800
Other	23	*23	*23	*23	*30	*97
Main activity	41703	*42777	*42777	*42777	*42784	*42134
Combustible fuels	39177	*40186	*40186	*40186	*40186	*39559
Hydro	661	*678	*678	*678	*678	*678
Nuclear	1842	*1890	*1890	*1890	*1890	*1800
Other	23	*23	*23	*23	*30	*97
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	3316667	3062537	3257792	3090298	3172110	3157920
Gas-diesel oil	1462	516	2021	2021	1978	1978
Vegetal waste	3990	4047	4105	4162	4220	4220
<b>Total input</b>	3322119	3067100	3263918	3096481	3178308	3164118
<b>Total production</b>	868342	837011	872644	878324	870041	855529
<b>Estimated efficiency (% of production to input)</b>	26	27	27	28	27	27

## Statistics on electricity

### South Sudan

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	..	..	..	..	445	472
Combustible fuels	..	..	..	..	443	470
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	2	2
Main activity	..	..	..	..	211	226
Combustible fuels	..	..	..	..	210	225
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Own use in electricity, CHP and heat plants	..	..	..	..	18	18
Net production	..	..	..	..	427	454
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	26	27
Consumption	..	..	..	..	385	415
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	..	..	..	..	385	415
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	..	..	..	..	*82	*82
Combustible fuels	..	..	..	..	*80	*80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	*2	*2
Main activity	..	..	..	..	*41	*41
Combustible fuels	..	..	..	..	*40	*40
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	*1	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	..	..	..	..	5074	5418
<b>Total input</b>	..	..	..	..	5074	5418
<b>Total production</b>	..	..	..	..	1595	1692
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	31	31

**Statistics on electricity**
**Spain**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	313758	294620	301527	293848	297559	283566
Combustible fuels	192810	168175	142410	150730	150312	119169
Hydro	26144	29162	45511	32911	24162	41071
Nuclear	58973	52761	61990	57718	61470	56731
Other	35831	44522	51616	52489	61615	66595
Main activity	275858	256495	262758	253030	256132	244805
Combustible fuels	155848	131038	104688	110980	109560	81240
Hydro	25549	28553	44664	32050	23700	40279
Nuclear	58973	52761	61990	57718	61470	56731
Other	35488	44143	51416	52282	61402	66555
Own use in electricity, CHP and heat plants	12215	11173	10576	10570	10987	9091
Net production	301543	283447	290951	283278	286572	274475
Imports	5881	6751	5206	7932	7787	9887
Exports	16920	14855	13539	14023	18986	16638
Losses	25810	24445	27400	26027	25675	25018
Consumption	264691	250897	254627	252050	250526	243044
Energy industries own use	9597	11119	9825	8541	10278	11035
By industry and construction	94190	76796	73490	73451	72466	69981
By transport	3120	2985	3222	4515	4455	4302
By households and other cons.	157784	159997	168090	165543	163327	157726
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	100957	103880	109092	110110	112475	113142
Combustible fuels	54832	54760	57457	56786	56736	56786
Hydro	18651	18705	18735	18740	18750	19294
Nuclear	7365	7365	7450	7450	7450	6984
Other	20109	23050	25450	27134	29539	30078
Main activity	93653	96576	101788	102806	105171	105838
Combustible fuels	47832	47760	50457	49786	49736	49786
Hydro	18451	18505	18535	18540	18550	19094
Nuclear	7365	7365	7450	7450	7450	6984
Other	20005	22946	25346	27030	29435	29974
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	487310	368089	258929	459498	582977	414864
Brown Coal	34580	19614	13034	39746	30842	22722
Gas-diesel oil	50181	48289	48590	47902	44720	40377
Fuel oil	93082	87789	84274	74134	78740	66579
Petroleum coke	17648	23205	10205	13780	16673	9458
Natural gas	839261	757935	680182	609377	517885	407295
Blast furnace gas	8867	7465	7617	9254	7243	9939
Fuelwood	*14458	*18085	*20078	*24039	*26714	*25095
Bagasse	..	..	..	*19452	*21182	*24495
Municipal waste	27470	26728	14586	16332	14710	12240
Others	23191	21493	21010	15530	17354	20059
<b>Total input</b>	1596047	1378692	1158505	1329044	1359039	1053122
<b>Total production</b>	694116	605430	512676	542628	541123	429008
<b>Estimated efficiency (% of production to input)</b>	43	44	44	41	40	41



**Statistics on electricity**
**Sri Lanka**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	10003	9987	10801	11600	11897	12044
Combustible fuels	5855	6086	5096	6916	8439	4870
Hydro	4139	3891	5645	4584	3302	6929
Nuclear	..	..	..	..	..	..
Other	10	10	60	100	156	245
Main activity	9987	9970	10783	11582	11879	12024
Combustible fuels	5855	6086	5096	6916	8439	4870
Hydro	4129	3881	5634	4573	3291	6918
Nuclear	..	..	..	..	..	..
Other	3	4	53	93	149	236
Own use in electricity, CHP and heat plants	168	167	134	274	296	264
Net production	9835	9820	10667	11326	11601	11780
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1469	1431	1458	1337	1192	1201
Consumption	8366	8389	9209	9990	10409	10554
Energy industries own use	..	..	..	..	..	..
By industry and construction	2957	2773	3148	3379	3528	3590
By transport	..	..	..	..	..	..
By households and other cons.	5409	5616	6060	6611	6881	6964
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2651	2708	2828	3150	3378	3301
Combustible fuels	1307	1327	1412	1712	1716	1601
Hydro	1341	1378	1383	1401	1585	1617
Nuclear	..	..	..	..	..	..
Other	3	3	33	37	77	83
Main activity	2641	2698	2818	3140	3368	3291
Combustible fuels	1297	1317	1402	1702	1706	1591
Hydro	1341	1378	1383	1401	1585	1617
Nuclear	..	..	..	..	..	..
Other	3	3	33	37	77	83
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	0	0	0	10191	16125	17483
Gas-diesel oil	11524	13158	8127	13072	16899	3856
Fuel oil	32805	33572	30219	30906	33532	21257
Naphtha	6319	4940	2403	2047	2759	4652
Fuelwood	180	724	1024	997	698	0
Bagasse	..	..	..	..	..	334
<b>Total input</b>	50828	52394	41773	57213	70013	47582
<b>Total production</b>	21076	21908	18345	24896	30379	17530
<b>Estimated efficiency (% of production to input)</b>	41	42	44	44	43	37

Statistics on electricity

St. Helena and Depend.

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	9	9	9	9	10	11
Combustible fuels	8	8	8	8	9	10
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Main activity	9	9	9	9	10	11
Combustible fuels	8	8	8	8	9	10
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Own use in electricity, CHP and heat plants	0	0	1	1	0	1
Net production	8	9	9	9	9	10
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1	0	*1	*1	*1	*1
Consumption	8	8	8	8	9	9
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	8	8	8	8	9	9
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	5	5	5	5	8	8
Combustible fuels	5	5	5	5	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	1	1
Main activity	5	5	5	5	8	8
Combustible fuels	5	5	5	5	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	1	1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	86	*89	*97	*99	*103	*112
<b>Total input</b>	86	*89	*97	*99	*103	*112
<b>Total production</b>	29	30	29	30	32	35
<b>Estimated efficiency (% of production to input)</b>	33	34	30	30	31	31

**Statistics on electricity**
**St. Kitts-Nevis**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*178	*184	190	*196	204	*204
Combustible fuels	*178	*184	190	*196	204	*204
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*170	*177	184	*190	199	*199
Combustible fuels	*170	*177	184	*190	199	*199
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*3	*4	*4	*4	*4	*4
Net production	*175	*180	186	*192	200	*200
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*7	*7	*7	*8	*8	*8
Consumption	*168	*173	*179	*184	*192	*192
Energy industries own use	..	..	..	..	..	..
By industry and construction	*23	*25	*27	*30	*32	*32
By transport	..	..	..	..	..	..
By households and other cons.	*145	*148	*152	*154	*160	*160
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*56	*45	*49	*54	*61	*61
Combustible fuels	*56	*45	*49	*54	*61	*61
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*50	*39	*43	*48	*55	*55
Combustible fuels	*50	*39	*43	*48	*55	*55
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1716	*1776	1832	*1888	1965	*1982
<b>Total input</b>	*1716	*1776	1832	*1888	1965	*1982
<b>Total production</b>	*641	*662	684	*706	734	*734
<b>Estimated efficiency (% of production to input)</b>	37	37	37	37	37	37

**Statistics on electricity**
**St. Lucia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	352	363	381	385	385	383
Combustible fuels	352	363	381	385	385	383
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	352	363	381	385	385	383
Combustible fuels	352	363	381	385	385	383
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	14	14	14	15	15	15
Net production	338	349	367	371	370	368
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	36	34	36	37	37	34
Consumption	302	315	331	333	333	334
Energy industries own use	..	..	..	..	..	..
By industry and construction	19	19	18	19	18	18
By transport	..	..	..	..	..	..
By households and other cons.	283	296	312	315	316	317
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	76	76	76	76	86	86
Combustible fuels	76	76	76	76	86	86
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	76	76	76	76	86	86
Combustible fuels	76	76	76	76	86	86
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	3009	3076	3294	3350	3321	3306
<b>Total input</b>	3009	3076	3294	3350	3321	3306
<b>Total production</b>	1268	1307	1371	1387	1385	1379
<b>Estimated efficiency (% of production to input)</b>	42	42	42	41	42	42

Statistics on electricity

St. Pierre-Miquelon

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	44	45	45	45	43	47
Combustible fuels	44	44	44	44	43	46
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	*1
Main activity	44	45	45	45	43	47
Combustible fuels	44	44	44	44	43	46
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	*1
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	44	45	45	45	43	47
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2	3	3	2	3	*3
Consumption	42	42	42	44	41	*43
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	42	42	42	44	41	*43
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	27	27	27	27	27	28
Combustible fuels	26	26	26	26	26	27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Main activity	27	27	27	27	27	28
Combustible fuels	26	26	26	26	26	27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*473	*482	*482	*482	*464	*490
<b>Total input</b>	*473	*482	*482	*482	*464	*490
<b>Total production</b>	157	159	159	159	153	164
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	34

Statistics on electricity

St. Vincent-Grenadines

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	139	*140	*142	*142	*144	*144
Combustible fuels	116	*116	*117	*118	*120	*120
Hydro	24	*24	*24	*24	*24	*24
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	139	*140	*142	*142	*144	*144
Combustible fuels	116	*116	*117	*118	*120	*120
Hydro	24	*24	*24	*24	*24	*24
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	5	*5	*5	*5	*5	*5
Net production	134	*135	*137	*137	*139	*139
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	11	*11	*11	*11	*11	*10
Consumption	123	*124	*126	*126	*128	*128
Energy industries own use	..	..	..	..	..	..
By industry and construction	6	*6	*6	*6	*7	*7
By transport	..	..	..	..	..	..
By households and other cons.	117	*118	*120	*120	*121	*121
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	41	*41	*41	*41	*41	*41
Combustible fuels	34	*34	*34	*34	*34	*34
Hydro	*7	*7	*7	*7	*7	*7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	41	*41	*41	*41	*41	*41
Combustible fuels	34	*34	*34	*34	*34	*34
Hydro	*7	*7	*7	*7	*7	*7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1243	*1630	*1170	*991	*1421	*1125
<b>Total input</b>	*1243	*1630	*1170	*991	*1421	*1125
<b>Total production</b>	416	*418	*423	*425	*432	*432
<b>Estimated efficiency (% of production to input)</b>	33	26	36	43	30	38

## Statistics on electricity

### State of Palestine

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	427	501	473	569	461	536
Combustible fuels	427	501	473	569	461	536
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	427	501	473	569	461	536
Combustible fuels	427	501	473	569	461	536
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	427	501	473	569	461	536
Imports	3865	3983	4159	4622	4909	4734
Exports	..	..	..	..	..	..
Losses	773	897	695	1292	537	527
Consumption	3054	3516	3280	3506	4846	4743
Energy industries own use	..	..	..	..	..	..
By industry and construction	295	272	349	*299	*1026	405
By transport	8	41	..	..	..	..
By households and other cons.	2751	3204	2931	3207	3820	4339
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	140	140	140	140	140	140
Combustible fuels	140	140	140	140	140	140
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	140	140	140	140	140	140
Combustible fuels	140	140	140	140	140	140
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Motor gasoline	0	310	758	89	257	354
Gas-diesel oil	3917	4304	3298	5199	3904	4455
<b>Total input</b>	3917	4614	4056	5287	4161	4809
<b>Total production</b>	1536	1802	1704	2049	1660	1930
<b>Estimated efficiency (% of production to input)</b>	39	39	42	39	40	40

## Statistics on electricity

### Sudan

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	..	..	..	..	9510	10607
Combustible fuels	..	..	..	..	2891	2290
Hydro	..	..	..	..	6619	8317
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	..	..	..	..	9436	10287
Combustible fuels	..	..	..	..	2817	1970
Hydro	..	..	..	..	6619	8317
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	..	..	..	..	106	356
Net production	..	..	..	..	9404	10251
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	1794	2356
Consumption	..	..	..	..	7611	7895
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	1125	1279
By transport	..	..	..	..	..	..
By households and other cons.	..	..	..	..	6486	6616
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	..	..	..	..	2877	3117
Combustible fuels	..	..	..	..	1287	1287
Hydro	..	..	..	..	1590	1830
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	..	..	..	..	2877	3117
Combustible fuels	..	..	..	..	1287	1287
Hydro	..	..	..	..	1590	1830
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	..	..	..	..	10922	11051
Fuel oil	..	..	..	..	14423	*8403
Other oil products	..	..	..	..	*603	*2010
<b>Total input</b>	..	..	..	..	25948	21464
<b>Total production</b>	..	..	..	..	10408	8244
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	40	38



**Statistics on electricity**
**Suriname**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1722	1740	1723	1951	1972	2184
Combustible fuels	648	671	755	1005	974	1703
Hydro	1075	1069	968	946	998	481
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	157	270	332	347	526	670
Combustible fuels	157	270	332	347	526	670
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	30	30	29	33	34	37
Net production	1692	1711	1694	1918	1939	2147
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	155	157	147	176	178	197
Consumption	1556	1571	1547	1742	1761	1951
Energy industries own use	..	..	..	..	..	..
By industry and construction	883	830	811	887	866	962
By transport	..	..	..	..	..	..
By households and other cons.	672	741	737	855	896	988
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	389	389	410	427	427	427
Combustible fuels	200	200	221	238	238	238
Hydro	189	189	189	189	189	189
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	60	60	80	115	115	115
Combustible fuels	60	60	80	115	115	115
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	2752	2795	675	710	856	1028
Fuel oil	11595	12504	13849	11672	12290	12972
Natural gas	186	185	183	172	175	179
<b>Total input</b>	14533	15483	14707	12553	13321	14179
<b>Total production</b>	2331	2417	2718	3618	3508	6132
<b>Estimated efficiency (% of production to input)</b>	16	16	18	29	26	43

**Statistics on electricity**
**Swaziland**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*432	*518	560	654	*622	*590
Combustible fuels	*272	*272	*272	*321	*350	*350
Hydro	160	246	288	333	272	240
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	160	246	288	333	280	248
Combustible fuels	0	1	0	0	8	*8
Hydro	160	246	288	333	272	240
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	14	16	14	15	15	15
Net production	*418	*502	546	639	*607	*575
Imports	983	923	909	806	813	822
Exports	..	..	..	..	..	..
Losses	167	188	168	161	175	169
Consumption	1234	1238	1288	1283	1246	1227
Energy industries own use	..	..	..	..	..	..
By industry and construction	415	406	390	360	338	319
By transport	..	..	..	..	..	..
By households and other cons.	819	832	898	923	908	909
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*152	*152	*153	*159	*164	*164
Combustible fuels	*89	*89	*89	*95	*100	*100
Hydro	64	64	64	64	64	64
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	69	69	70	70	70	70
Combustible fuels	10	10	10	10	10	10
Hydro	60	60	60	60	60	60
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	*599	*449	*297	*253	*338	*338
Gas-diesel oil	*455	*455	*455	*473	*473	*473
Bagasse	*14259	*13722	*13514	*14232	*13606	*13606
Animal waste	0	0	0	0	0	*55
<b>Total input</b>	*15313	*14626	*14266	*14958	*14417	*14472
<b>Total production</b>	*978	*980	*978	*1156	*1258	*1260
<b>Estimated efficiency (% of production to input)</b>	6	7	7	8	9	9

## Statistics on electricity

### Sweden

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	150036	136729	148563	150376	166562	153166
Combustible fuels	14936	16087	20723	17256	16283	15336
Hydro	69211	65977	66501	66556	79058	61496
Nuclear	63889	52173	57828	60475	64037	66457
Other	2000	2492	3511	6089	7184	9877
Main activity	143564	131140	141957	144361	160212	147312
Combustible fuels	8480	10514	14131	11256	9950	9492
Hydro	69195	65961	66487	66541	79041	61486
Nuclear	63889	52173	57828	60475	64037	66457
Other	2000	2492	3511	6089	7184	9877
Own use in electricity, CHP and heat plants	3626	3386	3284	3440	3732	3627
Net production	146410	133343	145279	146936	162830	149539
Imports	12754	13765	14931	12481	11682	12674
Exports	14715	9080	12853	19714	31255	22676
Losses	10985	9905	10585	10569	10961	10003
Consumption	131742	126503	135168	127802	130503	128075
Energy industries own use	3093	3117	3951	3174	3217	3059
By industry and construction	57664	51431	54386	53802	54077	52014
By transport	2372	2438	2404	2640	2685	2750
By households and other cons.	68613	69517	74427	68186	70524	70252
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	33943	35285	36454	35227	37843	37915
Combustible fuels	7746	8337	8715	6546	8362	7776
Hydro	16437	16652	16732	16577	16414	16494
Nuclear	8938	8839	8977	9323	9436	9408
Other	822	1457	2030	2781	3631	4237
Main activity	32632	34046	35334	33825	36602	36712
Combustible fuels	6438	7101	7598	5147	7124	6582
Hydro	16434	16649	16729	16574	16411	16485
Nuclear	8938	8839	8977	9323	9436	9408
Other	822	1457	2030	2781	3631	4237
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	8566	8849	11300	9417	8282	11558
Peat	8862	9409	9643	8579	6832	5885
Fuel oil	5575	7838	13413	5656	5939	3596
Natural gas	9748	24910	32541	21808	14942	14963
Blast furnace gas	8634	4814	8232	7235	5630	5122
Fuelwood	*107135	*115429	*140000	*103349	*131404	*128628
Municipal waste	36787	35988	43800	45724	49735	53494
Industrial waste	463	846	868	1583	1283	1580
Other recovered gases	1361	943	727	256	1228	1169
Other liquid biofuels	1178	3151	1836	27	27	1562
Others	2376	2528	6074	3850	2242	1697
<b>Total input</b>	*190685	*214705	*268434	207485	*227543	*229254
<b>Total production</b>	53770	57913	74603	62122	58619	55210
<b>Estimated efficiency (% of production to input)</b>	28	27	28	30	26	24

## Statistics on electricity

### Switzerland

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	68932	68453	67815	64629	69893	70312
Combustible fuels	3244	3187	3531	3567	3739	3720
Hydro	37935	37507	37825	34133	40305	39968
Nuclear	27700	27686	26339	26710	25441	25990
Other	53	73	120	219	408	634
Main activity	63471	62867	62220	59215	63828	63915
Combustible fuels	500	541	820	785	812	700
Hydro	35252	34617	35024	31650	37487	37135
Nuclear	27700	27686	26339	26710	25441	25990
Other	19	23	37	70	88	90
Own use in electricity, CHP and heat plants	2107	2098	1686	1666	1683	1701
Net production	66825	66355	66129	62963	68210	68611
Imports	31601	31368	33401	34824	31549	29874
Exports	32736	33525	32881	32237	33749	32270
Losses	4276	4181	4370	4485	4627	4760
Consumption	61404	60006	62266	61052	61370	61445
Energy industries own use	2685	2523	2494	2466	2411	2132
By industry and construction	19280	18208	19268	19205	19028	18767
By transport	3142	3064	3164	3061	3094	3142
By households and other cons.	36297	36211	37340	36320	36837	37404
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	19378	19546	19703	20052	20369	20756
Combustible fuels	855	919	944	918	1018	1021
Hydro	15240	15292	15339	15587	15587	15641
Nuclear	3220	3238	3253	3278	3278	3278
Other	63	97	167	269	486	816
Main activity	17965	18201	18361	18598	18547	18607
Combustible fuels	195	253	265	240	291	291
Hydro	14536	14692	14801	15034	14929	14978
Nuclear	3220	3238	3253	3278	3278	3278
Other	14	18	42	46	49	60
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Biogas	1068	1191	1311	1451	1660	1815
Gas-diesel oil	516	473	344	301	387	301
Fuel oil	202	121	40	0	0	0
Liquefied petroleum gas	47	47	47	47	47	47
Natural gas	7782	7651	10357	8791	7962	6190
Fuelwood	*3611	*4018	*3782	*4680	*5416	*6161
Municipal waste	40360	36734	38350	39768	40768	40544
Industrial waste	2400	2164	1997	1804	1884	1888
<b>Total input</b>	55986	52399	56229	56842	58124	56946
<b>Total production</b>	11678	11473	12712	12841	13460	13392
<b>Estimated efficiency (% of production to input)</b>	21	22	23	23	23	24

**Statistics on electricity**
**Syrian Arab Republic**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	41023	43308	46413	42025	31188	25933
Combustible fuels	38154	41442	43821	38742	27951	22933
Hydro	2869	1866	2592	3283	3237	3000
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	39787	42219	45331	40965	30436	25435
Combustible fuels	36918	40353	42739	37682	27199	22435
Hydro	2869	1866	2592	3283	3237	3000
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	4687	4948	5303	4802	3564	2963
Net production	36336	38360	41110	37223	27624	22970
Imports	548	542	690	902	0	0
Exports	590	614	1043	1192	0	529
Losses	8766	11103	7103	6461	5010	3636
Consumption	27528	27185	33654	30472	22614	18805
Energy industries own use	..	..	..	..	..	..
By industry and construction	10203	7427	11318	10248	7605	6324
By transport	..	..	..	..	..	..
By households and other cons.	17325	19758	22336	20224	15009	12481
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	7635	8322	8206	8206	*8206	8206
Combustible fuels	6735	7422	7356	7356	*7356	7356
Hydro	900	900	850	850	*850	850
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6774	7138	7210	7210	*7210	7210
Combustible fuels	5874	6238	6360	6360	*6360	6360
Hydro	900	900	850	850	*850	850
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	22102	19479	19350	18963	13459	8901
Fuel oil	224301	197596	161438	152712	108393	64115
Natural gas	138909	213852	275817	242805	177399	174313
<b>Total input</b>	385312	430927	456605	414480	299251	247329
<b>Total production</b>	137354	149191	157756	139471	100624	82559
<b>Estimated efficiency (% of production to input)</b>	36	35	35	34	34	33

**Statistics on electricity**
**T.F.Yug.Rep. Macedonia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>						
<b>Million kilowatt-hours</b>						
Total main activity and autoproducer	6311	6828	7260	6759	6262	6094
Combustible fuels	5471	5558	4829	5325	5218	4501
Hydro	840	1270	2431	1433	1041	1584
Nuclear	..	..	..	..	..	..
Other	..	..	..	1	3	9
Main activity	6308	6827	7258	6757	6260	6092
Combustible fuels	5468	5557	4827	5323	5216	4499
Hydro	840	1270	2431	1433	1041	1584
Nuclear	..	..	..	..	..	..
Other	..	..	..	1	3	9
Own use in electricity, CHP and heat plants	509	494	433	475	465	422
Net production	5802	6334	6827	6284	5797	5672
Imports	2733	1438	1420	2749	2741	2491
Exports	0	0	0	73	72	62
Losses	1444	1187	1279	1388	1296	1152
Consumption	7091	6585	6968	7572	7170	6949
Energy industries own use	194	193	184	194	165	148
By industry and construction	2412	1562	2010	2506	2210	2260
By transport	31	27	20	17	17	17
By households and other cons.	4454	4803	4754	4855	4778	4524
<b>Net installed capacity</b>						
<b>Thousand kilowatts</b>						
Total main activity and autoproducer	1572	1599	1851	1854	1919	1944
Combustible fuels	1019	1046	1296	1296	1320	1320
Hydro	553	553	555	556	595	617
Nuclear	..	..	..	..	..	..
Other	..	..	0	2	4	7
Main activity	1569	1596	1848	1851	1916	1941
Combustible fuels	1016	1043	1293	1293	1317	1317
Hydro	553	553	555	556	595	617
Nuclear	..	..	..	..	..	..
Other	..	..	0	2	4	7
<b>Combustible fuel input</b>						
<b>Terajoules</b>						
Brown Coal	104334	102597	94122	108263	102884	92865
Gas-diesel oil	1	2	0	0	0	0
Fuel oil	2534	3301	1560	710	935	1246
Liquefied petroleum gas	0	0	0	0	0	0
Refinery gas	30	84	2	0	0	0
Natural gas	54	322	733	1216	3092	3444
Fuelwood	0	0	0	0	0	0
<b>Total input</b>	<b>106952</b>	<b>106306</b>	<b>96417</b>	<b>110189</b>	<b>106911</b>	<b>97554</b>
<b>Total production</b>	<b>19696</b>	<b>20009</b>	<b>17384</b>	<b>19170</b>	<b>18785</b>	<b>16204</b>
<b>Estimated efficiency (% of production to input)</b>	<b>18</b>	<b>19</b>	<b>18</b>	<b>17</b>	<b>18</b>	<b>17</b>

# Statistics on electricity

## Tajikistan

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	16205	16166	16436	16234	16998	17115
Combustible fuels	347	217	35	38	74	44
Hydro	15858	15949	16401	16196	16924	17071
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	16205	16166	16436	16234	16998	17115
Combustible fuels	347	217	35	38	74	44
Hydro	15858	15949	16401	16196	16924	17071
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	95	90	92	90	91	90
Net production	16110	16076	16344	16144	16907	17025
Imports	5297	4304	432	172	114	117
Exports	4421	4247	286	197	775	1061
Losses	2985	2099	2330	2271	2445	2528
Consumption	14313	13602	14160	13752	13777	13553
Energy industries own use	69	66	67	66	66	66
By industry and construction	6464	6143	7435	6450	6344	5496
By transport	23	23	30	161	37	38
By households and other cons.	7757	7370	6628	7075	7330	7953
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	5069	5078	5105	5079	6168	*6172
Combustible fuels	321	319	318	324	314	318
Hydro	4748	4759	4787	4755	5854	*5854
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	5069	5078	5105	5079	6168	*6172
Combustible fuels	321	319	318	324	314	318
Hydro	4748	4759	4787	4755	5854	*5854
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Natural gas	3923	1618	719	728	933	787
<b>Total input</b>	3923	1618	719	728	933	787
<b>Total production</b>	1249	781	126	137	266	158
<b>Estimated efficiency (% of production to input)</b>	32	48	18	19	29	20

**Statistics on electricity**
**Thailand**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	147427	148390	159518	151595	166471	165707
Combustible fuels	140309	141230	153953	143632	158013	158573
Hydro	7113	7148	5537	7935	8431	5748
Nuclear	..	..	..	..	..	..
Other	5	12	28	*28	*27	1386
Main activity	132781	133458	144382	136659	151337	136175
Combustible fuels	125663	126298	138817	128696	142879	129905
Hydro	7113	7148	5537	7935	8431	5748
Nuclear	..	..	..	..	..	..
Other	5	12	28	*28	*27	522
Own use in electricity, CHP and heat plants	4629	5284	5749	5490	5490	6220
Net production	142798	143106	153769	146105	160981	159487
Imports	2785	2439	7287	10774	10527	12569
Exports	1180	1560	1615	*1235	*1873	1279
Losses	8954	8776	10121	*8957	*10047	10340
Consumption	135450	135209	149320	*146687	*159588	164322
Energy industries own use	472	284	373	*325	*360	..
By industry and construction	56958	56386	63257	*67942	*72336	68606
By transport	60	62	74	*64	*71	164
By households and other cons.	77960	78477	85616	*78356	*86821	95552
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	40666	46578	47456	*47456	*47456	*47686
Combustible fuels	37182	43077	43939	*43939	*43939	*43942
Hydro	3481	3488	3488	*3488	*3488	3418
Nuclear	..	..	..	..	..	..
Other	3	13	29	*29	*29	*326
Main activity	30508	30607	31485	*31485	*31485	*31712
Combustible fuels	27024	27106	27968	*27968	*27968	*27968
Hydro	3481	3488	3488	*3488	*3488	3418
Nuclear	..	..	..	..	..	..
Other	3	13	29	*29	*29	*326
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	129697	112746	114397	158283	200698	160631
Brown Coal	229712	221872	224056	240254	234556	236362
Biogas	670	1526	2611	4141	1564	7395
Gas-diesel oil	1634	903	1419	*1462	*1591	2537
Fuel oil	15029	6626	10140	*9534	*9130	12322
Natural gas	925157	943830	1043016	998589	1076831	976868
Bagasse	70869	81555	93783	91108	95887	139995
Animal waste	180	170	170	*170	*170	*170
Vegetal waste	14100	17400	16250	*15991	*15991	*15991
Municipal waste	..	..	..	..	..	1758
<b>Total input</b>	1387047	1386628	1505843	1519532	1636419	1554029
<b>Total production</b>	505112	508428	554231	517075	568847	570863
<b>Estimated efficiency (% of production to input)</b>	36	37	37	34	35	37



## Statistics on electricity

### Timor-Leste

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	111	132	137	140	126	295
Combustible fuels	111	132	137	140	126	295
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	111	132	137	140	126	295
Combustible fuels	111	132	137	140	126	295
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	111	132	137	140	126	295
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*11	*13	*14	*14	*13	*30
Consumption	*99	119	123	126	113	*265
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*99	119	123	126	113	*265
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	36	44	50	*50	51	138
Combustible fuels	36	44	50	*50	51	138
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	36	44	50	*50	51	138
Combustible fuels	36	44	50	*50	51	138
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1333	*1591	*1634	*1677	*1505	*3440
<b>Total input</b>	*1333	*1591	*1634	*1677	*1505	*3440
<b>Total production</b>	398	474	492	504	454	1062
<b>Estimated efficiency (% of production to input)</b>	30	30	30	30	30	31

## Statistics on electricity

### Togo

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	123	152	179	128	111	111
Combustible fuels	32	42	86	22	22	22
Hydro	91	110	93	106	89	89
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	117	142	169	117	100	100
Combustible fuels	26	32	76	11	11	11
Hydro	91	110	93	106	89	89
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	2	4	9	9	9
Net production	122	150	175	119	102	102
Imports	666	725	706	853	959	1008
Exports	..	..	..	..	..	..
Losses	151	101	88	92	92	97
Consumption	637	781	802	881	969	1000
Energy industries own use	..	..	..	..	..	..
By industry and construction	156	250	205	213	225	236
By transport	..	..	..	..	..	..
By households and other cons.	481	531	597	668	744	764
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	85	*85	*85	*85	*85	*85
Combustible fuels	18	*18	*18	*18	*18	*18
Hydro	67	*67	*67	*67	*67	*67
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	82	*82	*82	*82	*82	*82
Combustible fuels	15	*15	*15	*15	*15	*15
Hydro	67	*67	*67	*67	*67	*67
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	344	344	516	172	172	172
Vegetal waste	28	28	28	28	*37	*38
Kerosene-type jet fuel	0	132	397	44	88	88
<b>Total input</b>	372	504	941	244	297	298
<b>Total production</b>	115	151	310	79	79	79
<b>Estimated efficiency (% of production to input)</b>	31	30	33	32	27	27

## Statistics on electricity

### Tonga

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*53	55	52	53	52	53
Combustible fuels	*53	55	52	53	52	53
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*53	55	52	53	52	53
Combustible fuels	*53	55	52	53	52	53
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*2	2	2	2	2	2
Net production	*51	53	50	51	50	51
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*8	8	7	7	6	7
Consumption	*43	45	43	45	45	44
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*43	45	43	45	45	44
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*12	*12	14	*14	*14	*14
Combustible fuels	*12	*12	14	*14	*14	*14
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*12	*12	14	*14	*14	*14
Combustible fuels	*12	*12	14	*14	*14	*14
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	473	490	464	477	0	0
Fuel oil	..	..	..	..	*465	*464
<b>Total input</b>	473	490	464	477	*465	*464
<b>Total production</b>	*191	197	187	191	189	192
<b>Estimated efficiency (% of production to input)</b>	40	40	40	40	41	41

**Statistics on electricity**
**Trinidad and Tobago**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	7683	7843	8485	8772	9132	9505
Combustible fuels	7683	7843	8485	8772	9132	9505
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	7648	7808	8415	8700	9057	9427
Combustible fuels	7648	7808	8415	8700	9057	9427
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	153	287	309	319	332	346
Net production	7530	7556	8176	8453	8800	9159
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	168	291	265	243	239	234
Consumption	7341	7295	7911	8211	8560	8926
Energy industries own use	..	..	..	..	..	..
By industry and construction	4325	4334	4761	4964	5175	5396
By transport	..	..	..	..	..	..
By households and other cons.	3016	2961	3150	3247	3385	3530
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1807	*1807	1796	2295	2577	2598
Combustible fuels	1807	*1807	1796	2295	2577	2598
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1611	*1611	1600	2099	2381	2402
Combustible fuels	1611	*1611	1600	2099	2381	2402
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	215	215	215	215	215	301
Other oil products	0	643	0	0	0	..
Natural gas	107343	109464	117846	122271	122606	122343
Bagasse	482	487	..	..	..	..
<b>Total input</b>	108040	110809	118061	122486	122821	122644
<b>Total production</b>	27659	28235	30546	31579	32875	34218
<b>Estimated efficiency (% of production to input)</b>	26	25	26	26	27	28

## Statistics on electricity

### Tunisia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	15073	15428	16369	16497	18059	18382
Combustible fuels	14996	15252	15705	16142	17537	17740
Hydro	38	79	50	54	110	60
Nuclear	..	..	..	..	..	..
Other	39	97	614	301	412	582
Main activity	14178	14556	15346	15801	17425	17637
Combustible fuels	14101	14380	15157	15638	17119	17219
Hydro	38	79	50	54	110	60
Nuclear	..	..	..	..	..	..
Other	39	97	139	109	196	358
Own use in electricity, CHP and heat plants	488	474	551	583	647	641
Net production	14585	14954	15818	15914	17412	17741
Imports	122	192	141	131	384	177
Exports	129	152	122	161	426	233
Losses	1917	1882	1874	2255	2735	2707
Consumption	12685	13102	13952	13611	14632	14970
Energy industries own use	364	318	401	372	246	241
By industry and construction	4592	4717	5121	4780	5113	5305
By transport	268	96	78	87	96	93
By households and other cons.	7461	7971	8352	8372	9177	9331
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	3654	3805	3808	4217	4279	4539
Combustible fuels	3573	3690	3693	4101	4041	4270
Hydro	62	62	62	62	62	62
Nuclear	..	..	..	..	..	..
Other	19	53	53	54	176	207
Main activity	3313	3473	3599	4024	4117	4334
Combustible fuels	3232	3358	3484	3909	3882	4072
Hydro	62	62	62	62	62	62
Nuclear	..	..	..	..	..	..
Other	19	53	53	53	173	200
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	43	43	43	129	43	43
Fuel oil	6626	4929	40	0	0	646
Natural gas	132649	137389	156380	153722	165591	167834
<b>Total input</b>	139318	142361	156463	153851	165634	168523
<b>Total production</b>	53986	54907	56538	58111	63133	63864
<b>Estimated efficiency (% of production to input)</b>	39	39	36	38	38	38

**Statistics on electricity**
**Turkey**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	198418	194812	211208	229393	239496	240154
Combustible fuels	164139	156923	155828	171638	174872	171622
Hydro	33270	35958	51796	52338	57865	59420
Nuclear	..	..	..	..	..	..
Other	1009	1931	3584	5417	6759	9112
Main activity	182695	181314	198761	217150	226242	227083
Combustible fuels	149167	145020	144607	160637	163278	159822
Hydro	32522	34365	50572	51098	56207	58344
Nuclear	..	..	..	..	..	..
Other	1006	1929	3582	5415	6757	8917
Own use in electricity, CHP and heat plants	8655	8193	8162	11835	11789	11177
Net production	189763	186619	203046	217558	227707	228977
Imports	789	812	1144	4556	5827	7429
Exports	1122	1546	1918	3645	2954	1227
Losses	27481	28991	30222	32369	35657	37134
Consumption	161949	156894	172050	186100	194923	198045
Energy industries own use	2317	1966	2036	2107	2027	1877
By industry and construction	72534	68504	77295	85874	90275	91384
By transport	960	660	610	669	846	826
By households and other cons.	86138	85764	92109	97450	101775	103958
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	41818	44761	49524	52911	57059	64007
Combustible fuels	27595	29339	32279	33931	35027	38612
Hydro	13829	14553	15831	17137	19609	22289
Nuclear	..	..	..	..	..	..
Other	394	869	1414	1843	2423	3106
Main activity	38285	41705	46381	49893	53858	60586
Combustible fuels	24617	26828	29681	31458	32371	35776
Hydro	13275	14009	15287	16593	19065	21745
Nuclear	..	..	..	..	..	..
Other	393	868	1413	1842	2422	3065
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	159883	164114	178897	261019	303434	302041
Brown Coal	919590	883162	781984	849380	769832	647472
Biogas	1091	1968	2846	3037	5387	8511
Gas-diesel oil	2021	4644	43	43	4988	4773
Fuel oil	69892	46702	22866	10100	10504	12605
Natural gas	765584	761660	793194	826120	832166	816124
Coke-oven gas	8041	6200	9387	9015	10257	9375
Blast furnace gas	13198	16629	17499	17968	18213	20524
Fuelwood	*411	*501	*603	*271	*534	*588
Industrial waste	924	1056	1496	1499	1567	1215
Others	490	312	579	0	0	..
<b>Total input</b>	1941124	1886948	1809394	1978452	1956882	1823227
<b>Total production</b>	590900	564923	560981	617897	629539	617839
<b>Estimated efficiency (% of production to input)</b>	30	30	31	31	32	34

**Statistics on electricity**
**Turkmenistan**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	15043	15983	16663	17220	17750	18870
Combustible fuels	15040	15980	16660	17220	17750	18870
Hydro	3	3	3	0	0	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	15043	15983	16663	17220	17750	18870
Combustible fuels	15040	15980	16660	17220	17750	18870
Hydro	3	3	3	0	0	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1140	1211	1262	1301	1341	1426
Net production	13903	14772	15401	15919	16409	17444
Imports	..	..	..	..	..	..
Exports	1530	2100	2410	2550	2720	2850
Losses	2076	2094	2132	2190	2235	2385
Consumption	10297	10578	10859	11179	11454	12209
Energy industries own use	1582	1625	1668	1717	1759	1875
By industry and construction	3144	3230	3316	3414	3498	3729
By transport	226	232	238	245	251	268
By households and other cons.	5345	5491	5637	5803	5946	6337
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2852	2852	*3001	*3201	*3201	*3201
Combustible fuels	2851	2851	*3000	*3200	*3200	*3200
Hydro	1	1	*1	*1	*1	*1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2852	2852	*3001	*3201	*3201	*3201
Combustible fuels	2851	2851	*3000	*3200	*3200	*3200
Hydro	1	1	*1	*1	*1	*1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Natural gas	286668	284874	326240	347452	359315	360688
<b>Total input</b>	286668	284874	326240	347452	359315	360688
<b>Total production</b>	54144	57528	59976	61992	63900	67932
<b>Estimated efficiency (% of production to input)</b>	19	20	18	18	18	19

**Statistics on electricity**
**Turks and Caicos Islands**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*197	*208	*214	*214	*227	*227
Combustible fuels	*197	*208	*214	*214	*227	*227
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*197	*208	*214	*214	*227	*227
Combustible fuels	*197	*208	*214	*214	*227	*227
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*6	*7	*7	*7	*8	*8
Net production	*190	*201	*206	*207	*219	*219
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*9	*10	*10	*11	*11	*11
Consumption	*181	*191	*196	*196	*208	*208
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*181	*191	*196	*196	*208	*208
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	48	54	57	65	76	76
Combustible fuels	48	54	57	65	76	76
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	48	54	57	65	76	76
Combustible fuels	48	54	57	65	76	76
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*2129	*2245	*2309	*2309	*2451	*2451
<b>Total input</b>	*2129	*2245	*2309	*2309	*2451	*2451
<b>Total production</b>	*708	*747	*769	*770	*817	*817
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	33



Statistics on electricity

Tuvalu

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	4	*5	*5	*5	*5	*5
Combustible fuels	4	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4	*5	*5	*5	*5	*5
Combustible fuels	4	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	4	*5	*5	*5	*5	*5
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	5	*5	*5	*5	*5	*5
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	5	*5	*5	*5	*5	*5
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*2	*2	*2	*2	*2	*2
Combustible fuels	*2	*2	*2	*2	*2	*2
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*2	*2	*2	*2	*2	*2
Combustible fuels	*2	*2	*2	*2	*2	*2
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
<b>Total input</b>	..	..	..	..	..	..
<b>Total production</b>	16	*16	*17	*17	*17	*17
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	..	..

**Statistics on electricity**
**Uganda**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2088	2186	*2456	*2588	*2640	*2861
Combustible fuels	621	905	*851	897	*915	*915
Hydro	1467	1281	*1605	*1691	*1725	*1946
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2012	2127	*2375	*2503	*2553	*2774
Combustible fuels	591	875	*823	867	*884	*884
Hydro	1421	1252	*1553	*1636	*1669	*1890
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	8	8	*9	*10	*10	*61
Net production	2080	2178	*2447	*2578	*2630	*2800
Imports	41	25	*29	*36	*37	47
Exports	67	81	*75	89	*91	105
Losses	789	*815	*791	*767	*782	861
Consumption	*1280	*1310	*1521	*1731	*1766	2070
Energy industries own use	..	..	..	..	..	..
By industry and construction	*772	*798	*959	*1120	*1142	1349
By transport	..	..	..	..	..	..
By households and other cons.	508	*512	*562	*611	*623	721
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	539	504	548	628	728	838
Combustible fuels	214	166	186	186	136	136
Hydro	325	338	362	442	592	702
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	515	478	522	602	702	792
Combustible fuels	200	150	170	170	120	100
Hydro	315	328	352	432	582	692
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*5719	*7955	*8002	*8045	*8045	*8045
Fuel oil	..	..	117	117	117	*117
Bagasse	*162	*193	*193	*185	*208	*208
<b>Total input</b>	*5881	*8148	*8313	*8348	*8371	*8371
<b>Total production</b>	2236	3258	*3065	3229	*3294	*3294
<b>Estimated efficiency (% of production to input)</b>	38	40	37	39	39	39

**Statistics on electricity**
**Ukraine**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	192586	173619	188584	194947	198878	194377
Combustible fuels	91188	78716	86229	93634	97126	95487
Hydro	11512	11936	13152	10946	10994	14472
Nuclear	89841	82924	89152	90248	90137	83209
Other	45	43	51	119	621	1209
Main activity	188138	168977	183738	191294	195105	191177
Combustible fuels	86770	74100	81411	90002	93373	92310
Hydro	11482	11910	13124	10925	10974	14450
Nuclear	89841	82924	89152	90248	90137	83209
Other	45	43	51	119	621	1208
Own use in electricity, CHP and heat plants	15178	14448	14756	15312	15481	15293
Net production	177408	159171	173828	179635	183397	179084
Imports	2101	25	23	35	93	39
Exports	8831	4294	4078	6327	11560	9929
Losses	22363	20692	21695	21261	21421	20714
Consumption	148315	134210	148078	152084	149817	148480
Energy industries own use	13290	14901	14053	12284	12149	10949
By industry and construction	67144	55860	65911	62890	63101	58584
By transport	10678	9144	8972	9887	9279	8690
By households and other cons.	57203	54305	59142	67023	65288	70257
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	54041	54385	54567	54624	55001	*55001
Combustible fuels	35040	35043	35186	35026	35129	*35129
Hydro	5083	5421	5458	5469	5470	*5470
Nuclear	13835	13835	13835	13835	13835	*13835
Other	83	86	88	294	567	*567
Main activity	50779	51126	51306	51486	51645	*51645
Combustible fuels	31786	31790	31930	31894	31778	*31778
Hydro	5076	5415	5453	5463	5465	*5465
Nuclear	13835	13835	13835	13835	13835	*13835
Other	82	86	88	294	567	*567
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	907386	804057	875549	975988	1019822	1005091
Peat	..	..	..	..	..	0
Gas-diesel oil	*3440	0	0	258	301	301
Fuel oil	7030	41087	5010	3555	3717	3192
Refinery gas	3713	4109	4505	2772	743	594
Other oil products	3940	2613	2653	2533	603	1769
Natural gas	331489	197370	290673	319166	288423	240341
Coke-oven gas	27059	23414	24466	26842	27085	26254
Blast furnace gas	29176	25735	26039	25004	24777	26079
Peat products	0	0	0	20	0	0
Others	4443	105	21	0	0	0
<b>Total input</b>	1317674	1098489	1228915	1356138	1365471	1303620
<b>Total production</b>	328277	283378	310424	337082	349654	343753
<b>Estimated efficiency (% of production to input)</b>	25	26	25	25	26	26

**Statistics on electricity**
**United Arab Emirates**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	80463	85698	93949	99137	106222	109979
Combustible fuels	80463	85698	93949	99137	106222	109979
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	80463	85698	93949	99137	106222	109979
Combustible fuels	80463	85698	93949	99137	106222	109979
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	4102	4267	4720	4865	5229	5308
Net production	76361	81431	89229	94272	100993	104671
Imports	0	0	0	49	16	0
Exports	0	0	0	36	34	23
Losses	*4643	*4875	*5260	*5336	*5522	*5717
Consumption	*77878	*84404	*89587	*95508	101454	105363
Energy industries own use	..	..	..	..	..	..
By industry and construction	*10026	*10866	*11533	*12295	12928	13564
By transport	..	..	..	..	..	..
By households and other cons.	*67852	*73538	*78054	*83213	88526	91799
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	19814	20565	23199	26086	27180	27374
Combustible fuels	19814	20565	23199	26076	27170	27314
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	10	10	60
Main activity	19814	20565	23199	26086	27180	27374
Combustible fuels	19814	20565	23199	26076	27170	27314
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	10	10	60
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	22016	*23478	*24897	*26703	*24725	*28982
Fuel oil	1737	*1899	*1939	*1939	*1980	*2141
Natural gas	1249092	*1142240	*1167731	*1227517	*1221706	*1212149
<b>Total input</b>	1272845	*1167617	*1194567	*1256159	*1248411	*1243272
<b>Total production</b>	289667	308513	338216	356893	382399	395924
<b>Estimated efficiency (% of production to input)</b>	23	26	28	28	31	32

**Statistics on electricity**
**United Kingdom**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	388894	376720	381710	367252	363410	359154
Combustible fuels	320033	289403	302630	273968	263738	250474
Hydro	9234	8915	6718	8587	8251	7596
Nuclear	52486	69098	62140	68980	70405	70608
Other	7141	9304	10222	15717	21016	30476
Main activity	346664	334395	340073	326708	322332	319490
Combustible fuels	280477	250778	263939	237554	227821	218545
Hydro	8313	7979	5853	7499	7136	6507
Nuclear	52486	69098	62140	68980	70405	70608
Other	5388	6540	8141	12675	16970	23830
Own use in electricity, CHP and heat plants	16342	16571	16107	16416	17948	17890
Net production	372552	360149	365603	350836	345462	341264
Imports	12294	6609	7144	8689	13743	17533
Exports	1271	3748	4481	2467	1872	3102
Losses	28103	28148	26550	27283	27988	26825
Consumption	355923	335325	342012	330028	329713	328868
Energy industries own use	14101	13578	13183	12141	11881	11567
By industry and construction	114151	99737	104522	102361	97815	98008
By transport	3943	4040	4076	4084	4097	4109
By households and other cons.	223728	217970	220231	211442	215920	215184
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	85762	87457	93658	92826	94622	91522
Combustible fuels	66946	67772	72921	70293	69600	63187
Hydro	4367	4379	4381	4417	4431	4437
Nuclear	10979	10858	10865	10663	9946	9906
Other	3470	4448	5491	7453	10645	13992
Main activity	78468	79897	85968	84831	86295	81761
Combustible fuels	60880	61607	66565	64744	64515	58558
Hydro	4200	4203	4197	4215	4215	4215
Nuclear	10979	10858	10865	10663	9946	9906
Other	2409	3229	4341	5209	7619	9082
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	1233421	1023770	1070648	1079730	1416446	1291084
Biogas	65219	68377	70860	72369	72584	73282
Fuel oil	39026	30704	21897	13292	13615	8040
Refinery gas	11831	12177	16088	14306	9504	9900
Natural gas	1356518	1293490	1344908	1105703	772698	728369
Coke-oven gas	8145	9453	9237	9363	8784	8361
Blast furnace gas	27795	22866	18955	19019	24728	30969
Vegetal waste	*34470	*40700	*52044	*57044	*65395	*92040
Municipal waste	24128	29225	30830	31704	39195	38307
Industrial waste	6966	6397	2439	13313	13313	13963
Others	12666	18680	8601	4011	5930	5399
<b>Total input</b>	2820184	2555839	2646507	2419853	2442191	2299713
<b>Total production</b>	1152119	1041851	1089468	986285	949457	901706
<b>Estimated efficiency (% of production to input)</b>	41	41	41	41	39	39

**Statistics on electricity**
**United Rep. of Tanzania**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	4389	4741	5274	5093	5589	5574
Combustible fuels	1737	2096	2566	3091	3809	3842
Hydro	2649	2640	2701	1993	1767	1717
Nuclear	..	..	..	..	..	..
Other	3	5	7	9	13	15
Main activity	4367	4736	5267	5084	5576	5559
Combustible fuels	1718	2096	2566	3091	3809	3842
Hydro	2649	2640	2701	1993	1767	1717
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	4389	4741	5274	5093	5589	5574
Imports	52	65	57	55	61	59
Exports	..	..	..	..	..	..
Losses	827	1686	1046	1159	1048	1140
Consumption	3620	3121	4099	4004	4454	4851
Energy industries own use	22	5	7	9	13	15
By industry and construction	811	703	1036	1005	1089	1223
By transport	..	..	..	..	..	..
By households and other cons.	2787	2413	3056	2990	3352	3613
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1010	1011	1112	1113	1114	1115
Combustible fuels	*429	*446	*546	*546	*546	*546
Hydro	579	562	562	562	562	562
Nuclear	..	..	..	..	..	..
Other	*2	*3	*4	*5	*6	*7
Main activity	988	988	1088	1088	1088	1088
Combustible fuels	*409	*426	*526	*526	*526	*526
Hydro	579	562	562	562	562	562
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	232	..	..	..	..	..
Gas-diesel oil	3010	860	946	2451	3182	7783
Fuel oil	1091	566	1697	4040	8444	8201
Natural gas	17928	21708	25163	28187	31751	31411
Bagasse	..	..	324	450	342	378
<b>Total input</b>	22261	23134	28130	35128	43719	47773
<b>Total production</b>	6253	7546	9238	11128	13712	13831
<b>Estimated efficiency (% of production to input)</b>	28	33	33	32	31	29

**Statistics on electricity**
**United States**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	4368260	4188214	4378422	4349571	4290547	4306160
Combustible fuels	3173013	2965173	3135578	3037683	3019949	2985891
Hydro	281995	298410	286333	344679	298287	290113
Nuclear	837804	830210	838931	821405	801129	822004
Other	75448	94421	117580	145804	171182	208152
Main activity	4215215	4039013	4214470	4185002	4116563	4128386
Combustible fuels	3023437	2820121	2976980	2880241	2855247	2822349
Hydro	280230	296433	284550	342838	295887	286579
Nuclear	837804	830210	838931	821405	801129	822004
Other	73744	92249	114009	140518	164300	197454
Own use in electricity, CHP and heat plants	216168	209455	221165	215857	213338	212970
Net production	4152092	3978759	4157257	4133714	4077209	4093190
Imports	57019	52191	45083	52301	59257	70355
Exports	24198	18138	19107	15038	11995	11353
Losses	246116	260708	260999	259528	268753	255322
Consumption	3938797	3752104	3922234	3911449	3855718	3911668
Energy industries own use	109164	107403	135615	134448	128886	129517
By industry and construction	893078	797320	826432	851555	845911	846485
By transport	6812	6323	6417	6559	6841	7234
By households and other cons.	2929743	2841058	2953770	2918887	2874080	2928432
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1011254	1026869	1041000	1055278	1067878	1065092
Combustible fuels	781791	786050	793551	798833	793352	787297
Hydro	99788	100678	101023	100944	101106	101589
Nuclear	100755	101004	101167	101419	101885	99240
Other	28920	39137	45259	54082	71535	76966
Main activity	981261	996200	1008650	1020464	1031417	1027776
Combustible fuels	753632	757555	764431	769510	764085	758052
Hydro	99432	100320	100661	100014	100442	100911
Nuclear	100755	101004	101167	101419	101885	99240
Other	27442	37321	42391	49521	65005	69573
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	10991806	9075692	9831013	8966971	7641754	7920497
Brown Coal	7318402	6996192	7156268	7054572	6376048	6655586
Biogas	101786	107375	114409	122381	135501	146036
Fuel oil	237875	179578	151338	92193	76841	77245
Refinery gas	66281	66974	64449	62172	74102	84101
Petroleum coke	163280	145893	150150	142643	105658	135785
Natural gas	7828926	8033275	8610217	8828413	10578971	9626697
Vegetal waste	*100268	*92374	*99164	*99817	*87583	*103451
Municipal waste	276512	274202	270201	277175	274975	274962
Black liquor	*119762	*110334	*118443	*119224	*104613	*123566
Others	259772	232649	263899	255563	238979	207348
<b>Total input</b>	27464670	25314537	26829551	26021123	25695024	25355273
<b>Total production</b>	11422847	10674623	11288081	10935659	10871816	10749208
<b>Estimated efficiency (% of production to input)</b>	42	42	42	42	42	42

Statistics on electricity

United States Virgin Is.

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*972	*921	958	951	872	820
Combustible fuels	*972	*921	958	951	872	820
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*924	*873	909	911	872	820
Combustible fuels	*924	*873	909	911	872	820
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*87	*70	86	85	85	79
Net production	*885	*850	872	866	787	741
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*70	*68	*69	*70	*63	*60
Consumption	815	772	803	796	724	681
Energy industries own use	..	..	..	..	..	..
By industry and construction	364	349	358	338	319	309
By transport	..	..	..	..	..	..
By households and other cons.	451	424	445	458	405	371
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	323	*323	*323	345	330	316
Combustible fuels	323	*323	*323	345	330	316
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	308	*308	*308	330	330	316
Combustible fuels	308	*308	*308	330	330	316
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
<b>Total input</b>	..	..	..	..	..	..
<b>Total production</b>	*3498	*3315	3447	3422	3140	2952
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	..	..



## Statistics on electricity

### Uruguay

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	8769	8838	10727	10342	10596	11657
Combustible fuels	4261	3546	2255	3754	5060	3311
Hydro	4505	5260	8407	6479	5421	8206
Nuclear	..	..	..	..	..	..
Other	3	32	65	110	115	141
Main activity	7890	8043	9899	9531	9730	10730
Combustible fuels	3385	2783	1426	2944	4195	2384
Hydro	4505	5260	8407	6479	5421	8206
Nuclear	..	..	..	..	..	..
Other	..	..	65	109	114	140
Own use in electricity, CHP and heat plants	245	164	207	207	277	262
Net production	8524	8674	10521	10135	10319	11395
Imports	963	1468	387	477	742	0
Exports	28	259	710	19	194	206
Losses	1724	1132	1211	1287	1291	1281
Consumption	8013	8817	9060	9362	9641	9912
Energy industries own use	50	0	75	60	66	63
By industry and construction	2414	2514	2533	2524	2476	2625
By transport	..	..	..	..	..	..
By households and other cons.	5549	6303	6452	6777	7099	7225
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2524	2621	2792	2803	2969	3119
Combustible fuels	972	1053	1214	1221	1379	1522
Hydro	1538	1538	1538	1538	1538	1538
Nuclear	..	..	..	..	..	..
Other	14	30	41	44	53	59
Main activity	2335	2425	2633	2641	2798	2935
Combustible fuels	787	867	1065	1073	1223	1357
Hydro	1538	1538	1538	1538	1538	1538
Nuclear	..	..	..	..	..	..
Other	10	20	30	30	37	39
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	22622	20176	5057	15029	20124	9985
Fuel oil	13364	9942	6064	11502	18834	9252
Natural gas	65	191	707	816	71	9
Fuelwood	38	40	548	204	338	462
Bagasse	26	31	44	102	75	78
Vegetal waste	..	..	541	631	2295	2379
Black liquor	..	..	4548	4517	4575	4742
<b>Total input</b>	36116	30380	17509	32800	46312	26906
<b>Total production</b>	15340	12766	8117	13513	18216	11918
<b>Estimated efficiency (% of production to input)</b>	42	42	46	41	39	44

**Statistics on electricity**
**Uzbekistan**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	49400	49950	51700	52400	52500	54200
Combustible fuels	38040	40620	40854	42160	41290	42640
Hydro	11360	9330	10846	10240	11210	11560
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	49222	49760	51509	52203	52307	54001
Combustible fuels	37862	40430	40663	41963	41097	42441
Hydro	11360	9330	10846	10240	11210	11560
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2805	2845	2945	2985	2991	3088
Net production	46595	47105	48755	49415	49509	51112
Imports	11464	11916	12333	12500	12524	12930
Exports	11547	11831	12245	12411	12435	12838
Losses	4349	4410	4563	4623	4630	4780
Consumption	42163	42780	44280	44881	44968	46424
Energy industries own use	1416	1435	1485	1505	1508	1557
By industry and construction	15608	15835	16390	16612	16644	17183
By transport	1341	1360	1407	1426	1429	1476
By households and other cons.	23798	24150	24998	25338	25387	26208
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	11580	*11580	*11580	*12400	*12722	*12722
Combustible fuels	9870	*9870	*9870	*10569	*10867	*10867
Hydro	1710	*1710	*1710	*1831	*1855	*1855
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	11425	*11425	*11425	*12245	*12565	*12565
Combustible fuels	9715	*9715	*9715	*10414	*10710	*10710
Hydro	1710	*1710	*1710	*1831	*1855	*1855
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	35084	35476	36722	37226	37296	38500
Gas-diesel oil	86	43	43	43	0	0
Fuel oil	17534	12484	9090	6504	4606	3353
Natural gas	490618	532848	539232	560347	550195	569857
<b>Total input</b>	543322	580851	585087	604120	592097	611710
<b>Total production</b>	136944	146232	147074	151776	148644	153504
<b>Estimated efficiency (% of production to input)</b>	25	25	25	25	25	25

**Statistics on electricity**
**Vanuatu**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	69	69	69	*68	67	*68
Combustible fuels	56	56	56	*57	57	*58
Hydro	7	7	8	6	7	*7
Nuclear	..	..	..	..	..	..
Other	6	6	5	*5	3	*3
Main activity	69	69	69	*68	67	*68
Combustible fuels	56	56	56	*57	57	*58
Hydro	7	7	8	6	7	*7
Nuclear	..	..	..	..	..	..
Other	6	6	5	*5	3	*3
Own use in electricity, CHP and heat plants	2	2	2	2	2	*2
Net production	67	67	67	*66	65	*66
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	3	3	3	3	3	3
Consumption	55	57	61	63	61	62
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	55	57	61	63	61	62
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	28	28	29	31	31	31
Combustible fuels	25	25	25	27	27	27
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	2	2	3	3	3	3
Main activity	28	28	29	31	31	31
Combustible fuels	25	25	25	27	27	27
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	2	2	3	3	3	3
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	595	550	535	*538	*538	*542
Other liquid biofuels	4	4	6	*27	*55	*82
<b>Total input</b>	599	554	541	*565	*592	*624
<b>Total production</b>	200	200	201	*205	205	*207
<b>Estimated efficiency (% of production to input)</b>	33	36	37	36	35	33

**Statistics on electricity**
**Venezuela (Bolivar. Rep.)**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	119297	119580	118370	122059	126516	123160
Combustible fuels	32456	33618	41590	38389	44508	39615
Hydro	86841	85962	76780	83670	82008	83545
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	117687	117905	116655	120533	124705	121623
Combustible fuels	30846	31943	39875	36863	42697	38078
Hydro	86841	85962	76780	83670	82008	83545
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1165	975	4950	5275	5576	5677
Net production	118132	118605	113420	116784	120940	117483
Imports	102	260	0	249	480	715
Exports	569	633	..	..	..	..
Losses	32461	32564	22880	24133	25113	25627
Consumption	80167	83081	83770	87015	89925	99038
Energy industries own use	2166	2213	2084	2144	2052	1830
By industry and construction	34505	35662	36858	38094	39371	49445
By transport	278	290	275	290	302	308
By households and other cons.	43218	44916	44553	46487	48200	47455
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	23188	24846	26157	27008	28832	31595
Combustible fuels	8621	10224	11535	12386	14177	16662
Hydro	14567	14622	14622	14622	14622	14880
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	33	53
Main activity	22129	23708	24854	25705	27529	30292
Combustible fuels	7562	9086	10232	11083	12874	15359
Hydro	14567	14622	14622	14622	14622	14880
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	33	53
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	98169	115025	143706	150199	199262	187652
Fuel oil	69286	59873	62458	52399	37936	36118
Natural gas	217770	218829	284506	253200	300446	254992
<b>Total input</b>	385225	393727	490670	455798	537644	478762
<b>Total production</b>	116842	121025	149724	138200	160229	142614
<b>Estimated efficiency (% of production to input)</b>	30	31	31	30	30	30

## Statistics on electricity

### Viet Nam

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	73396	83175	94835	105219	118937	128546
Combustible fuels	47410	53194	66780	63944	65676	70287
Hydro	25986	29981	28055	41188	53171	58169
Nuclear	..	..	..	..	..	..
Other	..	..	..	87	*90	*90
Main activity	70853	80710	91722	101586	115237	124546
Combustible fuels	44867	50729	63667	60311	61976	66287
Hydro	25986	29981	28055	41188	53171	58169
Nuclear	..	..	..	..	..	..
Other	..	..	..	87	*90	*90
Own use in electricity, CHP and heat plants	1379	2007	3015	3355	*4000	*4546
Net production	72017	81168	91820	101864	114937	124000
Imports	146	199	299	301	159	221
Exports	1	11	57	79	29	178
Losses	7401	7985	*9650	10060	*11500	*11500
Consumption	67836	76913	85669	93523	104255	115283
Energy industries own use	..	..	..	..	..	..
By industry and construction	35065	39919	44524	50328	55568	61277
By transport	..	..	..	..	..	..
By households and other cons.	32771	36994	41145	43195	48687	54006
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*14545	*17458	*22881	*25731	*28240	*28240
Combustible fuels	*9044	*11950	*16950	*17700	*17700	*17700
Hydro	5500	5500	5900	*8000	*10503	*10503
Nuclear	..	..	..	..	..	..
Other	1	8	31	*31	*37	*37
Main activity	*13795	*15508	*20931	*23031	*25531	*25531
Combustible fuels	*8294	*10000	*15000	*15000	*15000	*15000
Hydro	5500	5500	5900	*8000	*10500	*10500
Nuclear	..	..	..	..	..	..
Other	1	8	31	*31	*31	*31
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	166642	169532	231168	280420	293449	353434
Gas-diesel oil	2537	946	10922	5375	5676	1419
Fuel oil	22503	25452	36804	39107	41168	30340
Natural gas	264840	300626	355008	320195	353235	343003
Fuelwood	654	735	637	644	651	658
<b>Total input</b>	457176	497291	634539	645741	694179	728855
<b>Total production</b>	170676	191498	240408	230198	236434	253033
<b>Estimated efficiency (% of production to input)</b>	37	39	38	36	34	35

Statistics on electricity

Wallis and Futuna Is.

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	20	20	20	20	19	19
Combustible fuels	20	20	20	20	19	19
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	20	20	20	20	19	19
Combustible fuels	20	20	20	20	19	19
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	3	3	3	2	2
Net production	19	18	17	17	17	17
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*1	*1	*1	*1	*1	*1
Consumption	*18	*17	*16	*16	*16	*15
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*18	*17	*16	*16	*16	*15
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	9	9	11	11	11	*11
Combustible fuels	9	9	11	11	11	*11
Hydro	..	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	..	0	0	0	0	0
Main activity	9	9	11	11	11	*11
Combustible fuels	9	9	11	11	11	*11
Hydro	..	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	..	0	0	0	0	0
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*237	*242	*243	*243	*233	*228
<b>Total input</b>	*237	*242	*243	*243	*233	*228
<b>Total production</b>	73	72	71	71	68	68
<b>Estimated efficiency (% of production to input)</b>	31	30	29	29	29	30

## Statistics on electricity

### Yemen

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	6546	6750	7755	6204	7073	8501
Combustible fuels	6546	6750	7755	6204	7073	8501
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6015	6141	7305	5935	6727	8256
Combustible fuels	6015	6141	7305	5935	6727	8256
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	540	466	865	539	580	1341
Net production	6006	6284	6890	5665	6493	7160
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1508	1639	1854	1590	2330	2190
Consumption	4498	4645	5036	4075	4163	4970
Energy industries own use	..	..	..	..	..	..
By industry and construction	48	49	54	148	148	203
By transport	..	..	..	..	..	..
By households and other cons.	4450	4596	4982	3927	4015	4767
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	993	1334	1334	1535	1535	1535
Combustible fuels	993	1334	1334	1535	1535	1535
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	893	1216	1216	1417	1417	1417
Combustible fuels	893	1216	1216	1417	1417	1417
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	29541	32422	20382	20898	24682	30874
Fuel oil	40642	41248	42501	36804	32603	30017
Natural gas	..	..	27316	17880	28924	34604
<b>Total input</b>	70183	73670	90199	75582	86209	95495
<b>Total production</b>	23566	24300	27918	22334	25463	30604
<b>Estimated efficiency (% of production to input)</b>	34	33	31	30	30	32

Statistics on electricity

Zambia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	9701	10414	11308	11482	11856	*13318
Combustible fuels	35	31	35	46	42	*38
Hydro	9666	10383	11273	11436	11814	*13280
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	9467	10163	11036	11206	11571	*13033
Combustible fuels	29	25	29	40	36	*32
Hydro	9438	10138	11007	11166	11535	*13001
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	246	245	268	272	281	*306
Net production	9455	10169	11040	11210	11575	*13012
Imports	264	10	13	13	13	73
Exports	96	589	578	587	606	1083
Losses	2285	2305	2680	2722	2810	1156
Consumption	7333	7280	7789	7908	8166	10846
Energy industries own use	..	..	..	..	..	..
By industry and construction	4471	3780	4086	4148	4283	6379
By transport	18	20	21	21	22	28
By households and other cons.	2844	3480	3682	3739	3861	4439
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1770	1784	1946	2006	2006	*2038
Combustible fuels	90	90	90	*90	*90	90
Hydro	1680	1694	1856	1916	1916	*1948
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1726	1726	1888	1948	1948	*1980
Combustible fuels	80	80	80	*80	*80	80
Hydro	1646	1646	1808	1868	1868	*1900
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	*129	*129	*129	*129	*129	*129
Gas-diesel oil	344	301	344	430	430	430
Fuel oil	0	0	0	40	0	0
<b>Total input</b>	473	430	473	599	559	559
<b>Total production</b>	126	112	126	166	151	*137
<b>Estimated efficiency (% of production to input)</b>	27	26	27	28	27	24



**Statistics on electricity**
**Zimbabwe**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	7625	7291	8640	9165	9124	9483
Combustible fuels	1917	1833	2841	3964	3737	4501
Hydro	5708	5458	5799	5201	5387	4982
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	7501	7187	8535	9055	9011	9369
Combustible fuels	1793	1729	2736	3854	3624	4387
Hydro	5708	5458	5799	5201	5387	4982
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	295	282	334	354	352	366
Net production	7330	7009	8306	8811	8772	9117
Imports	1686	2182	1718	1577	1201	1922
Exports	571	905	987	976	653	816
Losses	967	1234	1669	1369	1489	2667
Consumption	7478	7052	7368	8043	7831	7556
Energy industries own use	..	..	..	..	..	..
By industry and construction	2408	2206	3112	3343	3084	3115
By transport	..	..	..	..	..	..
By households and other cons.	5070	4846	4256	4700	4747	4441
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2105	2105	2112	*2112	*2112	*2102
Combustible fuels	1355	1355	1355	*1355	*1355	*1355
Hydro	750	750	757	757	757	*747
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2060	2060	2067	*2067	*2067	*2057
Combustible fuels	1310	1310	1310	*1310	*1310	*1310
Hydro	750	750	757	757	757	*747
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	25671	26961	30005	33592	37152	38803
Gas-diesel oil	430	301	344	602	688	774
Coke-oven gas	0	0	0	0	..	..
Fuelwood	*27	*29	*30	*30	*30	*30
<b>Total input</b>	26128	27291	30379	34224	37870	39607
<b>Total production</b>	6901	6599	10228	14270	13453	16204
<b>Estimated efficiency (% of production to input)</b>	26	24	34	42	36	41