

**Table 1.1. World electricity production, imports, exports,
final consumption, 2011
(TWh)**

	Gross produc- tion ⁽¹⁾	Imports	Exports	Own use	Other use ⁽²⁾	Supply	Transm. losses ⁽³⁾	Energy industry ⁽⁴⁾	Calc. con- sumption ⁽⁵⁾
OECD Total	10867.0	418.1	416.3	502.7	87.1	10279.0	664.0	275.0	9339.9
Non-OECD Total	11335.2	230.5	232.7	702.4	14.0	10616.7	1130.4	409.1	9077.2
World	22202.2	648.6	648.9	1205.1	101.1	20895.7	1794.5	684.1	18417.1
Australia	252.6	-	-	16.7	0.1	235.9	13.3	11.6	210.9
Austria	65.7	25.0	16.8	2.4	5.1	66.5	3.5	1.4	61.5
Belgium	90.2	13.2	10.7	3.5	1.6	87.6	4.2	3.3	80.2
Canada	637.0	15.0	51.5	18.4	0.2	581.8	34.7	28.2	518.9
Chile	65.7	0.7	-	2.5	-	63.9	4.7	0.6	58.7
Czech Republic	87.5	10.5	27.5	6.5	0.9	62.9	4.4	1.9	56.7
Denmark	35.2	11.7	10.4	1.7	0.1	34.7	2.4	1.0	31.3
Estonia	12.9	1.7	5.3	1.2	-	8.1	0.9	0.5	6.6
Finland	73.5	17.7	3.8	3.1	0.2	84.1	2.5	1.3	80.2
France	562.0	9.5	65.9	24.6	6.9	474.0	29.1	25.4	419.5
Germany	608.7	51.0	54.8	35.8	7.8	561.3	25.7	15.0	520.6
Greece	59.4	7.2	3.9	5.5	0.4	56.8	2.8	2.2	51.8
Hungary	36.0	14.7	8.0	2.5	-	40.1	3.8	1.8	34.5
Iceland	17.2	-	-	0.4	0.2	16.7	0.5	0.1	16.0
Ireland	27.7	0.7	0.2	1.3	0.0	26.9	2.1	0.2	24.6
Israel	59.6	-	4.2	5.0 e	-	50.5 e	1.6 e	0.6 e	48.3 e
Italy	302.6	47.5	1.8	11.1	2.5	334.6	20.8	12.0	301.8
Japan	1051.3	-	-	38.7	10.7	1001.8	48.2	14.3	939.4
Korea	523.3	-	-	20.1	4.3	498.9	17.4	10.3	471.1
Luxembourg	3.7	7.1	2.6	0.0	1.5	6.6	0.1	-	6.5
Mexico	295.8	0.6	1.2	16.8	-	278.5	45.6	7.2	225.7
Netherlands	113.0	20.6	11.5	3.9	-	118.1	4.6	6.1	107.5
New Zealand	44.5	-	-	1.4	-	43.1	3.1	0.5	39.5
Norway	128.1	11.3	14.3	0.6	2.5	122.0	10.3	6.3	105.4
Poland	163.5	6.8	12.0	14.7	0.7	142.9	10.6	10.3	121.9
Portugal	52.5	6.7	3.9	1.3	0.7	53.2	4.1	0.8	48.4
Slovak Republic	28.7	11.2	10.5	2.6	0.5	26.3	0.5	1.0	24.8
Slovenia	16.1	7.0	8.3	1.1	0.2	13.5	0.8	0.1	12.6
Spain	291.4	7.9	14.0	10.1	3.2	272.0	26.8	5.3	239.9
Sweden	150.4	12.5	19.7	3.4	1.5	138.2	10.6	3.0	124.6
Switzerland	64.6	34.8	32.2	1.7	2.5	63.1	4.5	-	58.6
Turkey	229.4	4.6	3.6	11.8	-	218.5	32.4	2.3	183.8
United Kingdom	367.8	8.7	2.5	16.5	3.8	353.7	27.9	7.9	318.0
United States	4349.6	52.3	15.0	215.9	28.9	4142.1	259.5	92.7	3789.9
OECD Total	10867.0	418.1	416.3	502.7	87.1	10279.0	664.0	275.0	9339.9
OECD Americas	5348.1	68.6	67.7	253.6	29.1	5066.3	344.5	128.7	4593.1
OECD Asia Oceania	1931.3	-	4.2	81.8	15.1	1830.2	83.6	37.3	1709.3
OECD Europe	3587.5	349.5	344.3	167.2	43.0	3382.5	235.9	109.1	3037.5

Source: IEA/OECD *Energy Statistics of OECD Countries* and IEA/OECD *Energy Statistics of Non-OECD Countries*.

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(2) Other use refers to used for heat pumps, electric boilers and pumped storage.

(3) Includes distribution losses.

(4) Electricity consumed by energy industries for heating, traction and lighting purposes; excludes own and other use.

(5) Calculated final consumption may differ from observed final consumption due to statistical difference.

Table 1.1. World electricity production, imports, exports, final consumption, 2011 (continued)
(TWh)

	Gross produc- tion ⁽¹⁾	Imports	Exports	Own use	Other use ⁽²⁾	Supply	Transm. losses ⁽³⁾	Energy industry ⁽⁴⁾	Calc. con- sumption ⁽⁵⁾
Algeria	51.2	0.7	0.8	4.5	-	46.5	9.9	0.8	35.9
Angola	5.7	-	-	0.1	-	5.5	0.6	-	4.9
Benin	0.2	0.9	-	-	-	1.1	0.2	-	0.9
Botswana	0.4	3.2	-	0.1	-	3.5	0.4	-	3.1
Cameroon	6.0	-	-	0.4	-	5.6	0.6	-	5.0
Congo	1.3	0.0	-	0.1	-	1.2	0.6	-	0.6
DR of Congo	7.9	0.0	0.2	0.0	-	7.7	1.0	-	6.7
Côte d'Ivoire	6.2	-	0.6	0.0	-	5.5	1.4	-	4.1
Egypt	156.6	0.0	1.6	4.4	-	150.6	16.6	-	134.0
Eritrea	0.3	-	-	0.0	-	0.3	0.1	-	0.3
Ethiopia	5.2	-	-	0.6	-	4.6	0.5	-	4.0
Gabon	1.8	-	-	0.1	-	1.7	0.3	0.0	1.3
Ghana	11.2	0.1	0.7	0.1	-	10.5	2.1	-	8.5
Kenya	7.8	0.0	0.0	0.1	-	7.8	1.3	-	6.5
Libya	27.6	0.1	0.1	1.9	-	25.6	3.6	-	22.0
Morocco	25.0	5.1	0.5	0.1	0.2	29.3	3.1	0.9	25.3
Mozambique	16.8	8.6	12.0	0.1	-	13.3	2.5	-	10.8
Namibia	1.4	2.5	0.1	-	-	3.8	0.4	-	3.4
Nigeria	27.0	-	-	0.8	-	26.3	2.6	-	23.7
Senegal	3.1	-	-	0.1	-	3.0	0.6	-	2.4
South Africa	262.5	11.9	15.0	15.0	3.9	240.5	22.0	11.7	206.9
Sudan	8.6	-	-	0.0	-	8.6	1.9	-	6.7
UR of Tanzania	5.3	-	-	-	-	5.3	1.0	0.1	4.2
Togo	0.1	0.8	-	0.0	-	0.9	0.2	-	0.7
Tunisia	16.1	0.1	0.2	0.8	-	15.3	2.3	-	13.0
Zambia	11.5	0.0	0.6	0.3	-	10.6	2.7	-	7.9
Zimbabwe	8.9	2.6	1.1	0.3	-	10.1	0.3	-	9.8
Other Africa	19.3	2.5	0.1	0.6	-	21.0	2.8	0.3	17.9
Africa	695.0	39.1	33.5	30.7	4.1	665.8	81.6	13.8	570.5
Argentina	129.9	10.9	1.3	4.3	0.6	134.7	18.7	-	116.0
Bolivia	7.2	-	-	0.1	-	7.1	0.8	-	6.3
Brazil	531.8	38.4	2.5	5.1	-	562.6	87.5	18.3	456.7
Colombia	61.8	0.0	1.5	1.7	-	58.6	7.4	-	51.1
Costa Rica	9.8	0.3	0.3	0.1	-	9.7	1.1	-	8.6
Cuba	17.8	-	-	0.9	-	16.8	2.8	-	14.0
Dominican Rep.	13.0	-	-	0.2	-	12.8	3.9	-	8.8
Ecuador	20.3	1.3	0.0	3.2	-	18.3	3.4	-	14.9
El Salvador	5.8	0.2	0.1	0.3	-	5.6	0.7	-	4.9
Guatemala	8.1	0.5	0.2	0.3	-	8.2	0.6	-	7.6
Haiti	0.7	-	-	0.1	-	0.7	0.4	-	0.3

Source: IEA/OECD *Energy Statistics of OECD Countries* and IEA/OECD *Energy Statistics of Non-OECD Countries*.

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(4) Electricity consumed by energy industries for heating, traction and lighting purposes; excludes own and other use.

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Table 1.1. World electricity production, imports, exports, final consumption, 2011 (continued)
(TWh)

	Gross produc- tion ⁽¹⁾	Imports	Exports	Own use	Other use ⁽²⁾	Supply	Transm. losses ⁽³⁾	Energy industry ⁽⁴⁾	Calc. con- sumption ⁽⁵⁾
Honduras	7.1	0.0	0.2	0.0	-	6.9	1.4	-	5.5
Jamaica	5.1	-	-	0.0	-	5.1	0.9	-	4.2
N. Antilles	1.3	-	-	0.1	-	1.2	0.2	-	1.0
Nicaragua	3.8	0.0	0.0	0.3	-	3.5	0.7	-	2.8
Panama	7.9	0.1	0.0	0.0	-	7.9	1.1	-	6.8
Paraguay	57.6	-	46.1	0.5	-	11.0	3.4	-	7.6
Peru	39.2	0.0	-	0.3	-	38.9	2.3	-	36.6
Trinidad and T.	8.9	-	-	0.2	-	8.7	0.4	-	8.3
Uruguay	10.3	0.5	0.0	0.2	-	10.6	1.3	-	9.3
Venezuela	122.1	-	0.2	5.3	-	116.5	24.1	2.1	90.3
Other N.OECD Amer.	38.6	0.2	-	1.5	-	37.3	3.1	-	34.1
N.OECD Amer.	1108.2	52.5	52.6	24.8	0.6	1082.6	166.3	20.4	895.9
Bangladesh	44.1	-	-	2.5	-	41.6	4.5	-	37.1
Brunei Darussalam	3.7	-	-	0.1	-	3.7	0.3	0.3	3.1
Cambodia	1.1	1.6	-	0.0	-	2.7	0.3	-	2.4
India	1052.3	5.6	0.1	61.8	-	996.0	222.4	-	773.6
Indonesia	182.4	-	-	6.9	-	175.5	16.7	-	158.8
DPR of Korea	21.6	-	-	2.1	-	19.6	3.4	-	16.2
Malaysia	130.3	0.4	0.0	6.4	-	124.3	8.6	-	115.8
Mongolia	4.8	0.3	0.0	0.7	-	4.3	0.6	-	3.7
Myanmar	7.3	-	-	-	-	7.3	1.6	-	5.8
Nepal	3.3	0.7	0.0	0.0	-	4.0	1.1	-	2.8
Pakistan	95.3	-	-	2.4	-	92.9	16.1	-	76.8
Philippines	69.2	-	-	5.4	-	63.8	7.7	-	56.1
Singapore	46.0	-	-	1.8	-	44.2	2.4	-	41.7
Sri Lanka	11.6	-	-	0.2	-	11.4	1.4	-	10.0
Chinese Taipei	252.0	-	-	11.8	3.5	236.7	10.1	3.9	222.6
Thailand	156.0	10.7	1.6	5.5	-	159.5	10.8	-	148.7
Vietnam	100.0	6.2	1.1	3.4	-	101.8	10.1	-	91.7
Other Asia	22.4	6.1	7.8	0.3	-	20.4	1.3	1.5	17.6
Asia (excl. China)	2203.4	31.6	10.7	111.2	3.5	2109.5	319.5	5.7	1784.3
PR of China	4715.7	6.6	19.3	381.1	-	4321.8	270.1	189.1	3862.7
Hong Kong	39.0	11.3	3.0	-	-	47.4	5.3	-	42.1
China (Region)	4754.7	17.9	22.3	381.1	-	4369.2	275.4	189.1	3904.8
Albania	4.2	3.3	-	0.0	-	7.4	1.0	0.5	5.9
Armenia	7.4	0.2	1.5	0.3	-	5.8	0.9	-	4.9
Azerbaijan	20.3	0.1	0.8	0.9	-	18.7	4.0	1.3	13.4
Belarus	32.2	9.3	3.7	2.2	-	35.6	3.4	2.3	29.9
Bosnia and H.	15.3	4.2	5.7	1.1	-	12.7	1.5	0.4	10.8
Bulgaria	50.8	1.4	12.1	5.0	1.1	34.1	4.4	1.2	28.4

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Croatia	10.8	8.7	1.0	0.4	0.2	17.9	1.8	0.4	15.7
Cyprus*	4.9	-	-	0.2	-	4.7	0.2	0.0	4.5
Georgia	10.2	0.5	0.9	0.1	-	9.7	1.1	0.4	8.1
Kazakhstan	86.6	2.6	1.8	10.2	-	77.2	6.4	6.5	64.3
Kosovo	5.8	3.1	2.7	0.7	-	5.5	0.9	0.0	4.6
Kyrgyzstan	15.2	-	2.8	0.2	-	12.1	3.3	0.1	8.8
Latvia	6.1	4.0	2.8	0.5	0.0	6.8	0.6	-	6.2
Lithuania	4.8	8.1	1.3	0.4	0.8	10.4	0.9	1.0	8.6
F.Y.R. Macedonia	6.9	2.7	-	0.5	-	9.1	1.4	0.2	7.5
Gibraltar	0.2	-	-	0.0	-	0.2	0.0	-	0.2
Malta	2.2	-	-	0.1	-	2.1	0.2	-	1.8
Rep. of Moldova	5.8	0.7	-	0.4	-	6.1	1.2	0.2	4.7
Montenegro	2.7	2.0	0.4	0.2	-	4.1	0.7	-	3.4
Romania	62.2	3.4	5.3	5.7	0.2	54.4	7.1	4.5	42.7
Russian Federation	1054.8	1.6	24.1	68.3	2.7	961.2	105.0	127.4	728.8
Serbia	38.6	6.7	7.0	2.8	0.9	34.7	5.8	0.8	28.0
Tajikistan	16.2	0.1	0.2	0.1	-	16.0	2.7	0.1	13.2
Turkmenistan	17.2	-	2.6	1.3	-	13.4	2.2	1.7	9.5
Ukraine	194.9	0.0	6.3	15.3	-	173.3	21.3	12.3	139.8
Uzbekistan	52.4	12.2	12.2	3.0	-	49.3	4.6	1.5	43.2
N.OECD E.& Eurasia	1728.6	74.8	95.4	119.8	5.9	1582.4	182.8	162.7	1236.9
Bahrain	13.8	0.2	0.1	0.7	-	13.3	1.0	-	12.3
IR of Iran	239.7	3.7	8.7	8.4	-	226.2	34.9	2.0	189.3
Iraq	54.2	7.3	-	-	-	61.5	18.9	-	42.6
Jordan	14.6	1.7	0.1	0.6	-	15.7	2.1	0.1	13.4
Kuwait	57.5	-	-	6.9	-	50.5	7.1	6.0	37.4
Lebanon	16.4	0.8	-	-	-	17.2	1.9	-	15.3
Oman	21.9	-	-	0.5	-	21.4	2.8	-	18.5
Qatar	30.7	-	-	2.3	-	28.4	0.6	-	27.8
Saudi Arabia	250.1	-	-	6.1	-	243.9	23.5	9.3	211.2
Syrian Arab R.	41.1	0.9	1.2	4.7	-	36.1	3.1	-	33.0
UAE	99.1	0.0	8.1	3.9	-	87.1	7.2	-	79.9
Yemen	6.2	-	-	0.4	-	5.8	1.7	-	4.1
Middle East	845.3	14.7	18.2	34.7	-	807.1	104.9	17.4	684.8
Non-OECD Total	11335.2	230.5	232.7	702.4	14.0	10616.7	1130.4	409.1	9077.2

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