

Table 1.2. World gross electricity production, by country, by source, 2011
(TWh)

	Fossil fuels⁽¹⁾	Nuclear	Hydro	Geo-thermal	Solar/wind⁽²⁾	Biofuels & waste⁽³⁾	Total
OECD Total	6594.12	2086.97	1452.90	44.47	396.25	292.25	10866.96
Non-OECD Total	8461.48	496.71	2112.55	24.74	110.23	129.53	11335.22
World	15055.60	2583.68	3565.45	69.21	506.47	421.77	22202.18
Australia	227.05	-	16.81	0.00	6.66	2.10	252.62
Austria	20.73	-	37.72	0.00	2.12	5.13	65.70
Belgium	31.10	48.23	1.42	-	3.62	5.86	90.24
Canada	145.01	93.59	375.80	-	11.82	10.77 e	636.99
Chile	39.69	-	21.01	-	0.34	4.67	65.71
Czech Republic	51.16	28.28	2.66	-	2.58	2.77	87.45
Denmark	20.23	-	0.02	-	9.79	5.14	35.17
Estonia	11.71	-	0.03	-	0.37	0.78	12.89
Finland	25.61	23.19	12.45	-	0.79	11.45	73.48
France	47.50	442.38	49.89	-	14.82	7.36	561.96
Germany	362.10	107.97	23.51	0.02	71.05	44.01	608.67
Greece	50.92	-	4.28	-	3.93	0.32	59.44
Hungary	17.46	15.69	0.22	-	0.63	1.99	35.98
Iceland	0.00	-	12.51	4.70	-	-	17.21
Ireland	22.23	-	0.71	-	4.38	0.34	27.66
Israel	59.30	-	0.03	-	0.28	0.04	59.65
Italy	214.57	-	47.76	5.65	21.46	13.14	302.58
Japan	808.44	101.76	91.71	2.68	9.72 e	36.95	1051.25
Korea	356.87	154.72	7.83	-	2.23	1.64	523.29
Luxembourg	2.34	-	1.13	-	0.09	0.16	3.72
Mexico	238.78	10.09	36.27	6.51	1.68	2.51	295.84
Netherlands	94.63	4.14	0.06	-	5.35	8.79	112.97
New Zealand	10.68	-	25.08	6.12	2.01	0.61	44.50
Norway	4.21	-	122.08	-	1.37	0.49	128.15
Poland	149.72	-	2.76	-	3.21	7.87	163.55
Portugal	27.45	-	12.12	0.21	9.44	3.24	52.46
Slovak Republic	7.77	15.41	4.15	-	0.48	0.85	28.66
Slovenia	5.81	6.22	3.70	-	0.07	0.26	16.06
Spain	144.22	57.73	32.91	-	51.28	5.22	291.36
Sweden	4.33	60.48	66.56	-	6.09	12.93	150.38
Switzerland	1.05	26.71	34.13	-	0.22	2.53	64.64
Turkey	171.17	-	52.34	0.69	4.72	0.47	229.39
United Kingdom	260.10	68.98	8.59	-	15.75	14.38	367.80
United States	2960.19	821.41	344.68	17.89	127.91 e	77.49	4349.57
OECD Total	6594.12	2086.97	1452.90	44.47	396.25	292.25	10866.96
<i>OECD Americas</i>	<i>3383.67</i>	<i>925.08</i>	<i>777.75</i>	<i>24.40</i>	<i>141.75</i>	<i>95.45</i>	<i>5348.11</i>
<i>OECD Asia Oceania</i>	<i>1462.33</i>	<i>256.48</i>	<i>141.45</i>	<i>8.79</i>	<i>20.90</i>	<i>41.34</i>	<i>1931.30</i>
<i>OECD Europe</i>	<i>1748.12</i>	<i>905.41</i>	<i>533.70</i>	<i>11.28</i>	<i>233.59</i>	<i>155.46</i>	<i>3587.55</i>

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

(1) Includes hard coal, brown coal, peat, coal gases, oil products and natural gas.

(2) Includes tide, wave, ocean and other (fuel cells etc).

(3) Includes wood/wood waste/other solid waste, industrial and municipal waste, biogases and liquid biofuels.

Note: Including electricity production from pumped storage.

Table 1.2. World gross electricity production, by country, by source, 2011 (continued)
(TWh)

	Fossil fuels ⁽¹⁾	Nuclear	Hydro	Geo-thermal	Solar/wind ⁽²⁾	Biofuels & waste ⁽³⁾	Total
Algeria	50.72	-	0.50	-	-	-	51.22
Angola	1.64	-	4.01	-	-	-	5.65
Benin	0.15	-	-	-	-	0.00	0.15
Botswana	0.37	-	-	-	-	-	0.37
Cameroon	1.64	-	4.32	-	-	0.06	6.03
Congo	0.50	-	0.79	-	-	-	1.29
DR of Congo	0.04	-	7.85	-	-	-	7.88
Côte d'Ivoire	4.27	-	1.77	-	-	0.11	6.15
Egypt	141.69	-	12.93	-	1.96	-	156.59
Eritrea	0.34	-	-	-	0.00	-	0.34
Ethiopia	0.03	-	5.11	0.02	-	-	5.16
Gabon	0.95	-	0.81	-	-	0.01	1.77
Ghana	3.64	-	7.56	-	-	-	11.20
Kenya	2.57	-	3.45	1.50	0.02	0.32	7.85
Libya	27.61	-	-	-	-	-	27.61
Morocco	22.31	-	2.01	-	0.69	-	25.01
Mozambique	0.02	-	16.81	-	-	-	16.83
Namibia	0.03	-	1.40	-	-	-	1.43
Nigeria	21.38	-	5.65	-	-	-	27.03
Senegal	2.69	-	0.26	-	0.05	0.05	3.05
South Africa	243.61	13.50	5.02	-	0.12	0.28	262.54
Sudan	2.13	-	6.47	-	-	-	8.60
UR of Tanzania	2.69	-	2.62	-	-	-	5.30
Togo	0.03	-	0.10	-	-	0.00	0.14
Tunisia	15.97	-	0.05	-	0.11	-	16.13
Zambia	0.04	-	11.41	-	-	-	11.45
Zimbabwe	2.29	-	6.57	-	-	0.07	8.93
Other Africa	12.20	-	7.04	-	0.02	0.01	19.27
Africa	561.56	13.50	114.52	1.52	2.98	0.91	694.98
Argentina	89.47	6.37	31.90	-	0.03	2.13	129.89
Bolivia	4.63	-	2.35	-	0.00	0.24	7.22
Brazil	52.36	15.66	428.33	-	3.26	32.15	531.76
Colombia	10.90	-	48.88	-	0.04	2.00	61.82
Costa Rica	0.86	-	7.14	1.28	0.42	0.14	9.83
Cuba	17.19	-	0.10	-	0.02	0.45	17.76
Dominican Rep.	11.42	-	1.53	-	-	0.03	12.98
Ecuador	8.57	-	11.13	-	0.00	0.56	20.27
El Salvador	1.98	-	2.01	1.53	-	0.28	5.81
Guatemala	2.70	-	3.25	0.15	-	2.06	8.15
Haiti	0.57	-	0.12	-	-	0.03	0.72

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	Fossil fuels ⁽¹⁾	Nuclear	Hydro	Geo-thermal	Solar/wind ⁽²⁾	Biofuels & waste ⁽³⁾	Total
Honduras	4.03	-	2.82	-	-	0.28	7.13
Jamaica	4.72	-	0.10	-	0.14	0.18	5.14
N. Antilles	1.31	-	-	-	-	-	1.31
Nicaragua	2.52	-	0.44	0.27	0.21	0.37	3.83
Panama	3.74	-	4.10	-	-	0.02	7.86
Paraguay	0.00	-	57.63	-	-	-	57.63
Peru	16.92	-	21.57	-	0.00	0.73	39.22
Trinidad and T.	8.87	-	-	-	-	-	8.87
Uruguay	2.91	-	6.48	-	0.11	0.85	10.34
Venezuela	38.39	-	83.67	-	-	-	122.06
Other N.OECD Amer.	36.17	-	2.05	-	0.27	0.11	38.60
N.OECD Amer.	320.20	22.03	715.59	3.23	4.51	42.61	1108.16
Bangladesh	43.19	-	0.87	-	-	-	44.06
Brunei Darussalam	3.72	-	-	-	0.00	-	3.73
Cambodia	0.99	-	0.05	-	0.00	0.02	1.05
India	835.71	33.29	130.67	-	23.94	28.72	1052.33
Indonesia	160.40	-	12.42	9.37	0.00	0.20	182.38
DPR of Korea	8.43	-	13.20	-	-	-	21.63
Malaysia	121.36	-	7.62	-	-	1.35	130.33
Mongolia	4.75	-	-	-	-	-	4.75
Myanmar	2.18	-	5.15	-	-	-	7.33
Nepal	0.00	-	3.31	-	-	-	3.31
Pakistan	61.48	5.27	28.52	-	-	-	95.26
Philippines	49.33	-	9.70	9.94	0.09	0.12	69.18
Singapore	44.34	-	-	-	0.01	1.65	46.00
Sri Lanka	6.88	-	4.62	-	0.11	0.03	11.65
Chinese Taipei	198.01	42.12	6.90	-	1.40	3.59	252.02
Thailand	143.44	-	8.16	0.00	0.10	4.29	155.99
Vietnam	70.04	-	29.82	-	0.09	0.06	100.00
Other Asia	7.95	-	14.17	-	0.26	-	22.38
Asia (excl. China)	1762.19	80.67	275.17	19.31	26.01	40.02	2203.37
PR of China	3815.12	86.35	698.95	0.15	72.88	42.27	4715.72
Hong Kong	39.03	-	-	-	0.00	-	39.03
China (Region)	3854.15	86.35	698.95	0.15	72.88	42.27	4754.75
Albania	0.00	-	4.16	-	-	-	4.16
Armenia	2.39	2.55	2.49	-	0.01	-	7.43
Azerbaijan	17.62	-	2.68	-	-	-	20.29
Belarus	32.00	-	0.04	-	0.00	0.15	32.19
Bosnia and H.	10.89	-	4.39	-	-	-	15.28
Bulgaria	29.75	16.31	3.69	-	0.99	0.06	50.80

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(2) Includes tide, wave, ocean and other (fuel cells etc).

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Croatia	5.96	-	4.62	-	0.20	0.06	10.83
Cyprus*	4.75	-	-	-	0.13	0.05	4.93
Georgia	2.30	-	7.89	-	-	-	10.19
Kazakhstan	78.70	-	7.88	-	-	-	86.59
Kosovo	5.70	-	0.11	-	-	-	5.80
Kyrgyzstan	1.02	-	14.14	-	-	-	15.16
Latvia	3.02	-	2.89	-	0.07	0.12	6.09
Lithuania	2.88	-	1.06	-	0.73	0.16	4.82
F.Y.R. Macedonia	5.44	-	1.43	-	0.00	-	6.88
Gibraltar	0.17	-	-	-	-	-	0.17
Malta	2.18	-	-	-	0.01	0.01	2.19
Rep. of Moldova	5.43	-	0.35	-	-	-	5.79
Montenegro	1.45	-	1.20	-	-	-	2.66
Romania	33.94	11.75	14.95	-	1.39	0.20	62.22
Russian Federation	710.91	172.94	167.61	0.52	0.01	2.78	1054.77
Serbia	29.36	-	9.24	-	-	-	38.60
Tajikistan	0.19	-	16.03	-	-	-	16.22
Turkmenistan	17.22	-	-	-	-	-	17.22
Ukraine	93.50	90.25	10.95	-	0.12	0.13	194.95
Uzbekistan	42.20	-	10.20	-	-	-	52.40
N.OECD E. & Eurasia	1138.97	293.80	287.98	0.52	3.64	3.71	1728.62
Bahrain	13.83	-	-	-	-	-	13.83
IR of Iran	227.07	0.36	12.06	-	0.21	0.01	239.71
Iraq	50.10	-	4.14	-	-	-	54.24
Jordan	14.58	-	0.06	-	0.00	0.01	14.65
Kuwait	57.46	-	-	-	-	-	57.46
Lebanon	15.56	-	0.81	-	-	-	16.37
Oman	21.87	-	-	-	-	-	21.87
Qatar	30.73	-	-	-	-	-	30.73
Saudi Arabia	250.08	-	-	-	-	-	250.08
Syrian Arab R.	37.80	-	3.28	-	-	-	41.08
UAE	99.14	-	-	-	-	-	99.14
Yemen	6.21	-	-	-	-	-	6.21
Middle East	824.41	0.36	20.34	-	0.22	0.01	845.34
Non-OECD Total	8461.48	496.71	2112.55	24.74	110.23	129.53	11335.22

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

(1) Includes hard coal, brown coal, peat, coal gases, oil products and natural gas.

(2) Includes tide, wave, ocean and other (fuel cells etc).

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* Please refer to Part I Section 5, Geographical Coverage.

Note: Including electricity production from pumped storage.