

**Table 1.3. World gross electricity production from combustible fuels,
by country, 2011
(TWh)**

	Coal				Oil	Natural Gas	Wood	Indust. waste	Municip. waste	Biogases liq. biof.	Tot. Comb. Fuels
	Hard	Brown	Peat	Gases							
OECD Total	2956.90	558.99	8.35	93.43	345.35	2631.10	163.83	13.36	60.06	54.99	6886.37
Non-OECD Total*	5104.83	376.71	0.70	45.56	716.65	2217.03	110.12	13.56	4.46	1.39	8591.01
World*	8061.73	935.70	9.05	138.99	1062.00	4848.13	273.95	26.92	64.53	56.38	15477.37
Australia	117.61	55.30	-	0.38	4.10	49.66	1.08	-	-	1.03	229.15
Austria	5.42	-	-	1.90	1.01	12.39	3.67	0.31	0.52	0.64	25.86
Belgium	3.40	-	-	1.97	0.29	25.44	3.13	0.58	1.40	0.75	36.96
Canada	11.55	64.81	-	-	6.53	62.11	9.63	-	0.16 e	0.98	155.78
Chile	19.62	-	-	-	6.36	13.72	4.67	-	-	-	44.37
Czech Republic	5.69	41.32	-	2.88	0.10	1.17	1.69	0.01	0.15	0.93	53.93
Denmark	13.97	-	-	-	0.45	5.81	3.06	-	1.73	0.34	25.37
Estonia	-	10.90	0.09	0.43	0.04	0.25	0.77	-	-	0.02	12.50
Finland	9.78	0.00	5.44	0.53	0.42	9.44	10.82	0.02	0.47	0.13	37.06
France	15.10	-	-	2.21	3.44	26.76	1.75	-	4.42	1.20	54.87
Germany	112.40	150.07	-	9.40	6.61	83.63	11.54	1.65	9.51	21.31	406.11
Greece	0.08	30.99	-	-	5.92	13.94	-	0.11	-	0.21	51.24
Hungary	0.01	6.47	-	0.09	0.14	10.74	1.53	0.02	0.24	0.21	19.45
Iceland	-	-	-	-	0.00	-	-	-	-	-	0.00
Ireland	4.70	-	2.22	-	0.42	14.89	0.14	-	-	0.20	22.57
Israel	34.82	0.37	-	-	4.36	19.75	-	-	0.01	0.03	59.34
Italy	44.36	0.37	-	5.41	19.89	144.55	2.52	0.10	4.42	6.10	227.71
Japan	246.98	-	-	34.16	153.34	373.96	28.83	2.13	5.99	-	845.39
Korea	205.40	0.09	-	19.03	16.63	115.72	0.38	0.37	0.27	0.61	358.51
Luxembourg	-	-	-	-	0.00	2.34	-	-	0.10	0.06	2.50
Mexico	33.55	-	-	0.59	48.37	156.28	2.40	-	-	0.11	241.30
Netherlands	21.39	-	-	3.35	1.45	68.44	3.98	-	3.77	1.05	103.42
New Zealand	1.58	0.02	-	0.56	0.00	8.51	0.38	-	-	0.23	11.29
Norway	0.04	-	-	0.08	0.03	4.06	0.25	0.01	0.22	0.01	4.69
Poland	87.33	52.53	-	1.59	2.45	5.82	7.15	0.25	0.01	0.45	157.58
Portugal	9.85	-	-	-	2.68	14.92	2.47	0.03	0.59	0.16	30.69
Slovak Republic	1.30	2.25	-	0.48	0.59	3.15	0.68	0.01	0.04	0.11	8.62
Slovenia	0.00	5.31	-	-	0.02	0.49	0.13	0.01	-	0.13	6.07
Spain	39.79	3.97	-	1.17	14.77	84.52	2.94	-	1.41	0.88	149.43
Sweden	0.66	-	0.60	0.73	0.79	1.55	9.64	0.15	3.10	0.04	17.26
Switzerland	-	-	-	-	0.06	0.99	0.21	0.19	1.91	0.23	3.58
Turkey	24.90	39.69	-	1.63	0.90	104.05	0.02	0.13	-	0.33	171.64
United Kingdom	108.58	-	-	1.04	3.67	146.82	5.50	0.40	2.74	5.74	274.48
United States	1777.04	94.54	-	3.83	39.52	1045.25	42.91	6.90	16.89	10.79	3037.68
OECD Total	2956.90	558.99	8.35	93.43	345.35	2631.10	163.83	13.36	60.06	54.99	6886.37
<i>OECD Americas</i>	<i>1841.76</i>	<i>159.35</i>	<i>-</i>	<i>4.42</i>	<i>100.78</i>	<i>1277.37</i>	<i>59.62</i>	<i>6.90</i>	<i>17.06</i>	<i>11.88</i>	<i>3479.13</i>
<i>OECD Asia Oceania</i>	<i>606.41</i>	<i>55.77</i>	<i>-</i>	<i>54.13</i>	<i>178.43</i>	<i>567.59</i>	<i>30.66</i>	<i>2.51</i>	<i>6.27</i>	<i>1.90</i>	<i>1503.67</i>
<i>OECD Europe</i>	<i>508.74</i>	<i>343.87</i>	<i>8.35</i>	<i>34.88</i>	<i>66.14</i>	<i>786.14</i>	<i>73.55</i>	<i>3.96</i>	<i>36.73</i>	<i>41.22</i>	<i>1903.57</i>

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

* In the 2013 edition, the electricity production from brown coal in People's Republic of China was reclassified as electricity production from hard coal

**Table 1.3. World gross electricity production from combustible fuels,
by country, 2011 (continued)**
(TWh)

	Coal				Oil	Natural Gas	Wood	Indust. waste	Municip. waste	Biogases liq. biof.	Tot. Comb. Fuels
	Hard	Brown	Peat	Gases							
Algeria	-	-	-	-	2.82	47.91	-	-	-	-	50.72
Angola	-	-	-	-	1.64	-	-	-	-	-	1.64
Benin	-	-	-	-	0.15	-	0.00	-	-	-	0.15
Botswana	0.37	-	-	-	-	-	-	-	-	-	0.37
Cameroon	-	-	-	-	1.21	0.43	0.06	-	-	-	1.70
Congo	-	-	-	-	0.01	0.49	-	-	-	-	0.50
DR of Congo	-	-	-	-	0.01	0.03	-	-	-	-	0.04
Côte d'Ivoire	-	-	-	-	0.01	4.26	0.11	-	-	-	4.38
Egypt	-	-	-	-	24.68	117.02	-	-	-	-	141.69
Eritrea	-	-	-	-	0.34	-	-	-	-	-	0.34
Ethiopia	-	-	-	-	0.03	-	-	-	-	-	0.03
Gabon	-	-	-	-	0.37	0.58	0.01	-	-	-	0.96
Ghana	-	-	-	-	0.92	2.72	-	-	-	-	3.64
Kenya	-	-	-	-	2.57	-	0.32	-	-	-	2.89
Libya	-	-	-	-	12.06	15.55	-	-	-	-	27.61
Morocco	11.68	-	-	-	6.58	4.05	-	-	-	-	22.31
Mozambique	-	-	-	-	-	0.02	-	-	-	-	0.02
Namibia	0.02	-	-	-	0.01	-	-	-	-	-	0.03
Nigeria	-	-	-	-	4.27	17.11	-	-	-	-	21.38
Senegal	-	-	-	-	2.64	0.05	0.05	-	-	-	2.75
South Africa	243.41	-	-	-	0.20	-	0.28	-	-	-	243.89
Sudan	-	-	-	-	2.13	-	-	-	-	-	2.13
UR of Tanzania	0.06	-	-	-	0.04	2.59	-	-	-	-	2.69
Togo	-	-	-	-	0.03	-	0.00	-	-	-	0.04
Tunisia	-	-	-	-	0.01	15.96	-	-	-	-	15.97
Zambia	-	-	-	-	0.04	-	-	-	-	-	0.04
Zimbabwe	2.26	-	-	-	0.03	-	0.07	-	-	-	2.35
Other Africa	4.32	-	-	-	7.75	0.13	-	-	-	0.01	12.21
Africa	262.12	-	-	-	70.54	228.90	0.90	-	-	0.01	562.47
Argentina	2.58	-	-	0.66	19.59	66.64	2.13	-	-	-	91.59
Bolivia	-	-	-	-	0.12	4.51	0.24	-	-	-	4.87
Brazil	0.80	5.73	-	5.94	14.80	25.10	31.80	-	-	0.35	84.51
Colombia	2.09	-	-	0.05	0.51	8.26	2.00	-	-	-	12.90
Costa Rica	-	-	-	-	0.86	-	0.14	-	-	-	1.00
Cuba	-	-	-	-	15.13	2.06	0.45	-	-	-	17.64
Dominican Rep.	1.99	-	-	-	3.87	5.56	0.03	-	-	-	11.44
Ecuador	-	-	-	-	6.63	1.94	0.56	-	-	-	9.13
El Salvador	-	-	-	-	1.98	-	0.28	-	-	-	2.26
Guatemala	1.18	-	-	-	1.52	-	2.06	-	-	-	4.75
Haiti	-	-	-	-	0.57	-	0.03	-	-	-	0.60

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by country, 2011 (continued)**
(TWh)

	Coal				Oil	Natural Gas	Wood	Indust. waste	Municip. waste	Biogases liq. biof.	Tot. Comb. Fuels
	Hard	Brown	Peat	Gases							
Honduras	0.13	-	-	-	3.90	-	0.28	-	-	-	4.31
Jamaica	-	-	-	-	4.72	-	0.18	-	-	-	4.90
N. Antilles	-	-	-	-	1.31	-	-	-	-	-	1.31
Nicaragua	-	-	-	-	2.52	-	0.37	-	-	-	2.90
Panama	0.51	-	-	-	3.23	-	0.02	-	-	-	3.76
Paraguay	-	-	-	-	0.00	-	-	-	-	-	0.00
Peru	0.64	-	-	-	2.27	14.01	0.73	-	-	-	17.65
Trinidad and T.	-	-	-	-	0.02	8.84	-	-	-	-	8.87
Uruguay	-	-	-	-	2.82	0.09	0.85	-	-	-	3.75
Venezuela	-	-	-	-	17.41	20.98	-	-	-	-	38.39
Other N.OECD Amer.	-	-	-	-	33.09	3.08	0.11	-	-	-	36.28
N.OECD Amer.	9.91	5.73	-	6.65	136.86	161.05	42.26	-	-	0.35	362.81
Bangladesh	0.78	-	-	-	2.10	40.31	-	-	-	-	43.19
Brunei Darussalam	-	-	-	-	0.04	3.69	-	-	-	-	3.72
Cambodia	-	0.03	-	-	0.95	-	0.02	-	-	-	1.01
India	643.90	69.75	-	1.30	12.22	108.53	28.72	-	-	-	864.44
Indonesia	-	81.00	-	-	42.31	37.09	0.20	-	-	-	160.59
DPR of Korea	7.01	0.85	-	-	0.58	-	-	-	-	-	8.43
Malaysia	52.98	-	-	0.24	9.98	58.16	1.34	-	0.01	0.00	122.71
Mongolia	-	4.52	-	-	0.23	-	-	-	-	-	4.75
Myanmar	0.56	-	-	-	0.03	1.59	-	-	-	-	2.18
Nepal	-	-	-	-	0.00	-	-	-	-	-	0.00
Pakistan	0.10	-	-	-	33.73	27.65	-	-	-	-	61.48
Philippines	17.78	7.56	-	-	3.40	20.59	0.07	-	0.04	-	49.45
Singapore	-	-	-	-	8.46	35.88	-	-	1.21	0.44	45.99
Sri Lanka	1.04	-	-	-	5.85	-	0.03	-	-	-	6.92
Chinese Taipei	103.32	20.09	-	3.62	9.64	61.34	0.39	-	3.20	-	201.59
Thailand	16.77	18.04	-	-	2.06	106.57	3.98	-	-	0.30	147.72
Vietnam	21.74	-	-	-	4.75	43.55	0.06	-	-	-	70.10
Other Asia	0.33	-	-	-	6.45	1.18	-	-	-	-	7.95
Asia (excl. China)*	866.31	201.84	-	5.16	142.77	546.11	34.81	-	4.46	0.75	1802.21
PR of China*	3697.48	-	-	25.77	7.86	84.02	31.50	10.77	-	-	3857.39
Hong Kong	27.78	-	-	-	0.12	11.13	-	-	-	-	39.03
China (Region)	3725.26	-	-	25.77	7.97	95.15	31.50	10.77	-	-	3896.42
Albania	-	-	-	-	0.00	-	-	-	-	-	0.00
Armenia	-	-	-	-	-	2.39	-	-	-	-	2.39
Azerbaijan	-	-	-	-	0.34	17.28	-	-	-	-	17.62
Belarus	-	0.01	0.01	-	0.34	31.64	0.10	0.04	-	0.01	32.15
Bosnia and H.	-	10.81	-	-	0.04	0.05	-	-	-	-	10.89
Bulgaria	4.45	23.08	-	-	0.14	2.08	0.04	-	-	0.02	29.81

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**Table 1.3. World gross electricity production from combustible fuels,
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(TWh)

	Coal				Oil	Natural Gas	Wood	Indust. waste	Municip. waste	Biogases liq. biof.	Tot. Comb. Fuels
	Hard	Brown	Peat	Gases							
Croatia	2.56	0.02	-	-	0.75	2.62	0.02	-	-	0.04	6.01
Cyprus*	-	-	-	-	4.75	-	-	-	-	0.05	4.80
Georgia	-	-	-	-	0.01	2.30	-	-	-	-	2.30
Kazakhstan	68.85	1.37	-	-	0.54	7.94	-	-	-	-	78.70
Kosovo	-	5.68	-	-	0.02	-	-	-	-	-	5.70
Kyrgyzstan	0.48	-	-	-	-	0.54	-	-	-	-	1.02
Latvia	0.00	-	-	-	0.00	3.01	0.01	-	-	0.11	3.14
Lithuania	-	-	-	-	0.21	2.67	0.12	-	-	0.04	3.03
F.Y.R. Macedonia	-	5.29	-	-	0.07	0.09	-	-	-	-	5.44
Gibraltar	-	-	-	-	0.17	-	-	-	-	-	0.17
Malta	-	-	-	-	2.18	-	-	0.00	0.00	-	2.19
Rep. of Moldova	-	-	-	-	0.02	5.41	-	-	-	-	5.43
Montenegro	-	1.45	-	-	-	-	-	-	-	-	1.45
Romania	-	24.78	-	0.02	0.77	8.37	0.19	-	-	0.01	34.14
Russian Federation	90.74	65.80	0.69	7.12	27.36	519.20	0.04	2.74	-	-	713.69
Serbia	0.00	28.71	-	0.07	0.07	0.50	-	-	-	-	29.36
Tajikistan	-	-	-	-	-	0.19	-	-	-	-	0.19
Turkmenistan	-	-	-	-	-	17.22	-	-	-	-	17.22
Ukraine	74.14	0.00	-	0.35	0.56	18.45	0.13	-	-	-	93.63
Uzbekistan	-	2.14	-	-	0.54	39.52	-	-	-	-	42.20
N.OECD E.& Eurasia	241.23	169.13	0.70	7.57	38.88	681.46	0.64	2.79	0.00	0.27	1142.68
Bahrain	-	-	-	-	-	13.83	-	-	-	-	13.83
IR of Iran	-	-	-	0.43	66.63	160.01	-	-	-	0.01	227.08
Iraq	-	-	-	-	16.43	33.68	-	-	-	-	50.10
Jordan	-	-	-	-	10.62	3.96	-	-	-	0.01	14.59
Kuwait	-	-	-	-	41.93	15.53	-	-	-	-	57.46
Lebanon	-	-	-	-	15.56	-	-	-	-	-	15.56
Oman	-	-	-	-	3.94	17.94	-	-	-	-	21.87
Qatar	-	-	-	-	-	30.73	-	-	-	-	30.73
Saudi Arabia	-	-	-	-	141.69	108.38	-	-	-	-	250.08
Syrian Arab R.	-	-	-	-	16.28	21.51	-	-	-	-	37.80
UAE	-	-	-	-	1.68	97.45	-	-	-	-	99.14
Yemen	-	-	-	-	4.86	1.34	-	-	-	-	6.21
Middle East	-	-	-	0.43	319.63	504.36	-	-	-	0.01	824.43
Non-OECD Total**	5104.83	376.71	0.70	45.56	716.65	2217.03	110.12	13.56	4.46	1.39	8591.01

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

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

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