

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Table Notes

Supply is calculated as production plus imports minus exports.

EIOU and losses refers to energy industries own use of electricity, including for pumped storage, and losses.

Consumption refers to final energy consumption of electricity.

Figures may not add up due to statistical differences, or for some countries quantities transformed into heat in heat pumps and/or electric boilers .

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification.

Figure 81: World electricity generation, 1990-2012

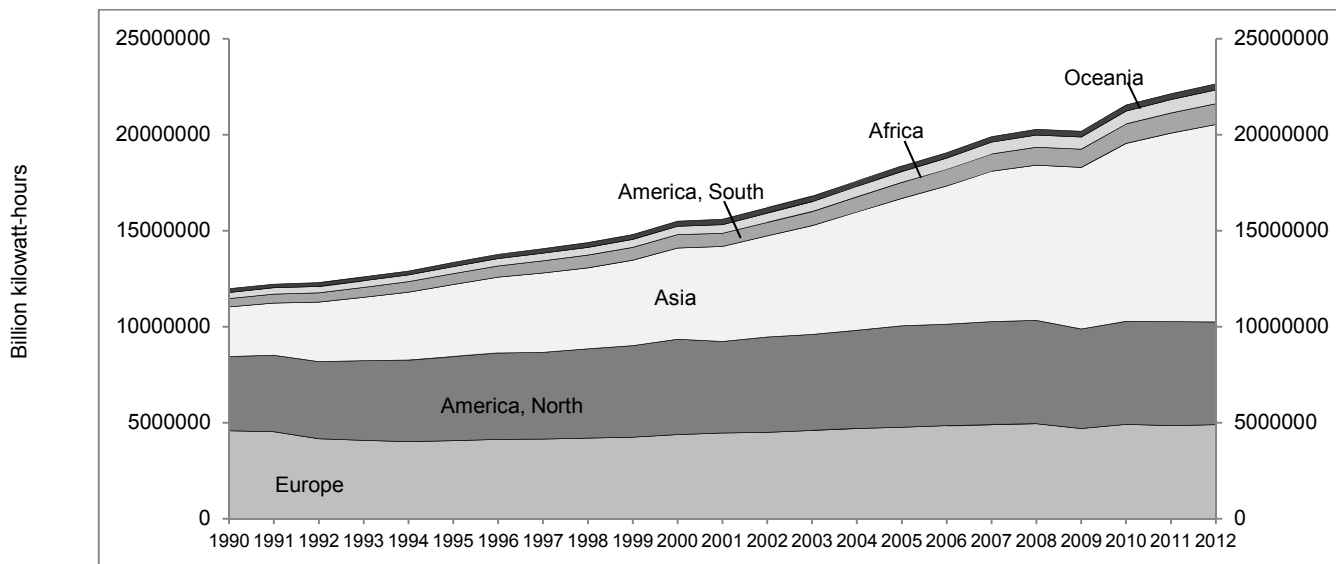


Figure 82: Major electricity producing countries, 2012

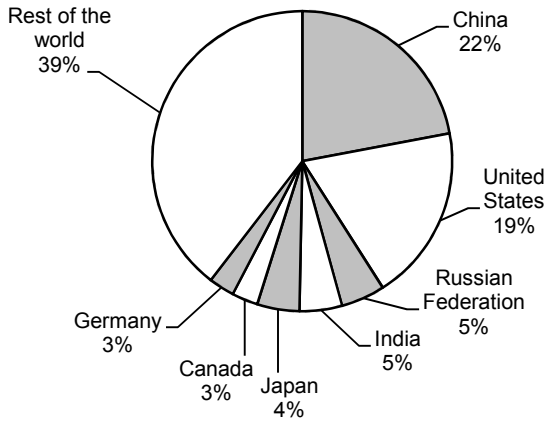


Figure 83: Major electricity consuming countries, 2012

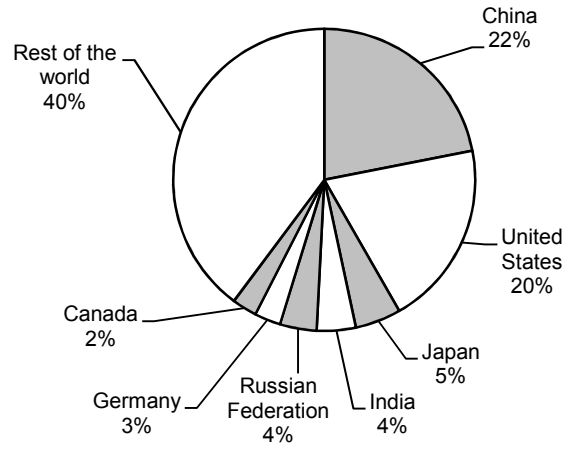


Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
World	2009	20,185,302	595,729	587,124	20,193,907	2,955	3,468,964	16,736,462
	2010	21,540,431	600,773	588,513	21,552,691	3,117	3,600,420	17,887,773
	2011	22,133,704	662,194	642,787	22,153,110	3,166	3,754,446	18,417,645
	2012	22,637,312	688,333	672,175	22,653,471	3,200	3,815,162	18,809,529
Africa	2009	633,940	37,799	32,740	638,998	636	120,285	517,042
	2010	678,098	38,083	34,136	682,046	662	128,510	549,750
	2011	701,500	37,945	33,709	705,736	668	130,995	568,391
	2012	721,761	36,474	30,313	727,923	672	135,907	586,827
Algeria	2009	38,501	330	362	38,469	1,057	10,557	27,911
	2010	45,734	736	803	45,667	1,232	12,195	33,470
	2011	51,224	657	799	51,082	1,353	15,213	35,867
	2012	57,397	936	985	57,348	1,490	16,571	40,777
Angola	2009	4,735	..	..	4,735	250	711	4,024
	2010	5,449	..	..	5,449	279	763	4,686
	2011	5,651	..	..	5,651	280	776	4,875
	2012	5,613	..	..	5,613	270	771	4,842
Benin	2009	128	866	..	994	108	208	786
	2010	150	935	..	1,085	114	207	842
	2011	155	931	..	1,086	111	214	872
	2012	163	983	..	1,146	114	226	920
Botswana	2009	621	2,749	..	3,369	1,726	452	2,917
	2010	532	2,985	..	3,517	1,786	408	3,109
	2011	437	3,180	..	3,617	1,821	500	3,118
	2012	250	3,371	..	3,621	1,807	423	3,198
Burkina Faso	2009	700	145	..	844	56	139	705
	2010	565	385	..	950	61	169	*781
	2011	530	495	..	1,025	64	*175	*850
	2012	626	515	..	1,141	69	*196	*945
Burundi	2009	123	*92	..	215	24	*42	*172
	2010	144	95	..	239	26	*48	*200
	2011	143	*99	..	242	25	8	*244
	2012	144	*99	..	242	25	8	*238
Cabo Verde	2009	296	..	..	296	609	89	207
	2010	347	..	..	347	712	110	224
	2011	362	..	..	362	738	101	225
	2012	371	..	..	371	750	108	224
Cameroon	2009	5,783	..	..	5,783	288	1,121	4,662
	2010	5,899	..	..	5,899	286	1,036	4,863
	2011	6,079	..	..	6,079	287	1,309	4,770
	2012	6,238	..	..	6,238	287	1,240	4,998
Central African Rep.	2009	160	..	..	160	38	*5	*148
	2010	*160	..	..	*160	*37	*11	*149
	2011	*174	..	..	*174	*39	*18	*156
	2012	*177	..	..	*177	*39	*18	*159
Chad	2009	183	..	..	183	16	16	*167
	2010	200	..	..	200	17	18	*182
	2011	*218	..	..	*218	*18	*18	*200
	2012	205	..	..	205	16	19	*186
Comoros	2009	*43	..	..	*43	*65	*2	*41
	2010	*43	..	..	*43	*63	*2	*41
	2011	*43	..	..	*43	*61	*2	*41
	2012	*43	..	..	*43	*60	*2	*41

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Congo	2009	539	440	..	979	245	474	481
	2010	785	281	..	1,066	259	554	500
	2011	1,293	27	..	1,320	312	740	606
	2012	1,342	55	..	1,397	322	768	629
Côte d'Ivoire	2009	5,871	..	484	5,387	290	1,659	3,728
	2010	5,965	145	491	5,619	296	1,502	4,117
	2011	6,099	22	615	5,506	284	1,670	3,836
	2012	7,016	54	645	6,425	324	1,717	4,708
Dem. Rep. of the Congo	2009	7,835	105	887	7,053	117	399	6,654
	2010	7,888	161	916	7,133	115	870	6,263
	2011	7,882	44	171	7,755	121	1,037	6,718
	2012	7,966	0	0	7,966	121	850	7,116
Djibouti	2009	349	..	..	349	425	82	*267
	2010	*379	..	..	*379	*454	90	*289
	2011	*387	..	..	*387	*457	97	*290
	2012	393	..	..	393	457	*96	*297
Egypt	2009	142,690	183	1,118	141,755	1,846	20,097	120,180
	2010	150,486	152	1,595	149,043	1,909	19,862	126,934
	2011	161,162	102	1,679	159,585	2,010	21,568	135,838
	2012	164,628	77	474	164,231	2,035	23,710	140,257
Equatorial Guinea	2009	*100	..	..	*100	*148	*16	*79
	2010	*100	..	..	*100	*144	*16	*79
	2011	*97	..	..	*97	*135	*14	*83
	2012	*97	..	..	*97	*132	*14	*83
Eritrea	2009	295	..	..	295	53	52	242
	2010	311	..	..	311	54	54	256
	2011	337	..	..	337	57	64	273
	2012	359	..	..	359	59	71	288
Ethiopia	2009	3,992	..	..	3,992	47	739	3,253
	2010	4,980	..	..	4,980	57	1,143	3,837
	2011	6,307	..	332	5,975	67	1,605	4,370
	2012	6,700	..	400	6,300	69	1,656	4,644
Gabon	2009	1,865	..	..	1,865	1,228	463	1,402
	2010	1,979	..	..	1,979	1,272	490	1,489
	2011	2,070	..	..	2,070	1,299	512	1,558
	2012	2,197	..	..	2,197	1,346	543	1,654
Gambia	2009	242	..	..	242	149	23	233
	2010	*245	..	..	*245	*146	*23	*236
	2011	*256	..	..	*256	*147	*24	*246
	2012	*266	..	..	*266	*149	*25	*256
Ghana	2009	8,964	198	752	8,410	355	2,113	6,224
	2010	10,167	106	1,036	9,237	381	2,366	6,860
	2011	11,366	81	691	10,756	433	1,569	9,186
	2012	12,204	128	667	11,665	460	1,510	9,258
Guinea	2009	996	..	..	996	94	*359	*637
	2010	952	..	..	952	88	335	*617
	2011	*878	..	..	*878	*79	307	*570
	2012	*878	..	..	*878	*77	*307	*570
Guinea-Bissau	2009	*31	..	..	*31	*20	0	*31
	2010	*32	..	..	*32	*20	0	*32
	2011	*33	..	..	*33	*20	0	*33
	2012	*34	..	..	*34	*21	0	*34

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Kenya	2009	6,450	39	26	6,463	162	1,095	5,767
	2010	6,867	31	31	6,867	168	1,207	5,729
	2011	7,849	37	42	7,844	187	1,344	6,500
	2012	8,290	42	31	8,301	192	1,541	6,760
Lesotho	2009	532	124	2	654	329	14	569
	2010	567	201	6	762	379	*14	615
	2011	549	220	46	723	356	*14	651
	2012	461	*240	14	687	335	*14	*618
Liberia	2009	*250	..	..	*250	*65	*35	*215
	2010	*250	..	..	*250	*63	*35	*215
	2011	*300	..	..	*300	*74	*44	*256
	2012	*300	..	..	*300	*72	*44	*256
Libya	2009	31,045	95	118	31,022	5,201	5,009	26,013
	2010	32,753	70	152	32,671	5,409	5,314	27,357
	2011	27,614	59	128	27,545	4,513	5,533	22,012
	2012	33,980	61	14	34,027	5,529	5,530	28,497
Madagascar	2009	1,274	..	..	1,274	62	58	*961
	2010	1,360	..	..	1,360	65	*60	1,014
	2011	1,438	..	..	1,438	66	*62	1,053
	2012	1,520	..	..	1,520	68	*64	1,100
Malawi	2009	1,944	..	16	1,928	132	*275	1,652
	2010	2,024	..	21	2,003	133	*288	1,716
	2011	1,979	..	20	1,959	127	*281	1,678
	2012	*1,666	..	18	*1,648	*104	*239	1,409
Mali	2009	1,575	..	348	1,228	91	*123	1,104
	2010	1,691	..	368	1,323	95	*132	1,191
	2011	*1,702	..	*368	*1,334	*93	*133	*1,201
	2012	*1,718	..	*368	*1,350	*91	*135	*1,215
Mauritania	2009	658	109	..	766	218	140	623
	2010	727	115	..	842	233	159	669
	2011	744	*115	..	859	232	152	698
	2012	824	*115	..	939	247	159	770
Mauritius	2009	2,577	..	..	2,577	2,100	509	2,060
	2010	2,690	..	..	2,690	2,185	515	2,165
	2011	2,731	..	..	2,731	2,211	502	2,218
	2012	2,797	..	..	2,797	2,256	501	2,284
Morocco	2009	20,935	4,623	..	25,558	817	3,174	22,384
	2010	22,853	3,939	..	26,792	847	3,087	23,705
	2011	24,364	4,607	..	28,971	904	3,301	25,670
	2012	26,495	4,841	..	31,336	964	3,777	*27,559
Mozambique	2009	16,963	8,340	12,700	12,603	539	2,586	9,569
	2010	16,666	8,533	12,075	13,124	548	2,601	9,831
	2011	16,830	8,570	11,954	13,446	547	2,605	10,141
	2012	15,166	8,304	9,791	13,679	543	2,453	10,939
Namibia	2009	1,742	2,202	144	3,800	1,773	266	3,534
	2010	1,488	2,462	207	3,743	1,718	367	3,376
	2011	1,607	2,389	79	3,917	1,766	*450	*3,467
	2012	1,538	2,226	88	3,676	1,627	*450	*3,635
Niger	2009	254	481	2	732	48	152	597
	2010	291	653	2	941	59	156	687
	2011	295	616	3	908	55	*166	694
	2012	421	573	4	990	58	*194	*796

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Nigeria	2009	19,777	..	..	19,777	127	1,866	17,911
	2010	26,121	..	..	26,121	164	5,461	20,660
	2011	27,034	..	..	27,034	165	3,587	23,447
	2012	28,706	..	..	28,706	170	3,547	25,159
Réunion	2009	2,618	..	..	2,618	3,139	230	2,388
	2010	2,700	..	..	2,700	3,196	233	2,467
	2011	2,750	..	..	2,750	3,216	243	2,498
	2012	2,812	..	..	2,812	3,250	284	2,540
Rwanda	2009	248	62	3	308	29	*62	246
	2010	281	80	3	358	33	*72	287
	2011	346	78	5	418	38	*92	326
	2012	393	91	3	481	42	*101	380
Sao Tome and Principe	2009	*52	..	..	*52	*300	*15	*38
	2010	57	..	..	57	321	15	42
	2011	*60	..	..	*60	*328	*16	*44
	2012	*67	..	..	*67	*356	*16	*51
Senegal	2009	2,489	*200	..	2,689	214	*622	2,361
	2010	2,618	253	..	2,871	222	327	2,056
	2011	2,560	257	..	2,817	211	299	2,031
	2012	2,917	290	..	3,207	234	343	2,313
Seychelles	2009	276	..	..	276	3,042	*23	239
	2010	301	..	..	301	3,301	*22	260
	2011	324	..	..	324	3,528	*22	280
	2012	336	..	..	336	3,644	*23	314
Sierra Leone	2009	*132	..	..	*132	*23	64	68
	2010	*171	..	..	*171	*30	85	85
	2011	176	..	..	176	30	90	86
	2012	179	..	..	179	30	79	100
Somalia	2009	327	..	..	327	35	*32	292
	2010	327	..	..	327	34	*32	295
	2011	330	..	..	330	33	*35	295
	2012	333	..	..	333	33	*38	295
South Africa	2009	249,557	12,295	14,052	247,800	4,869	53,115	194,685
	2010	259,601	12,193	14,668	257,126	4,997	54,689	202,828
	2011	262,538	11,890	14,964	259,464	4,995	52,599	204,541
	2012	257,919	10,006	15,035	252,890	4,827	53,029	197,092
St. Helena and Depend.	2009	9	..	..	9	2,066	1	8
	2010	9	..	..	9	2,142	*1	8
	2011	10	..	..	10	2,288	*2	8
	2012	10	..	..	10	2,307	*2	*8
Sudan	2009	6,491	..	..	6,491	146	1,444	5,047
	2010	7,499	..	..	7,499	164	1,473	6,026
	2011	8,455	..	..	8,455	181	1,765	6,690
	2012	9,436	..	..	9,436	196	1,826	7,610
Swaziland	2009	*518	923	..	1,441	1,228	204	1,238
	2010	560	909	..	1,469	1,231	182	1,288
	2011	654	806	..	1,460	1,204	177	1,283
	2012	*622	813	..	1,435	1,166	189	1,246
Togo	2009	152	725	..	877	143	103	781
	2010	179	706	..	885	140	92	802
	2011	128	853	..	981	152	101	881
	2012	111	959	..	1,070	161	101	969

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Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Tunisia	2009	15,428	192	152	15,468	1,472	2,674	12,784
	2010	16,369	141	122	16,388	1,541	2,826	13,551
	2011	16,497	131	161	16,467	1,531	3,210	13,239
	2012	18,059	384	426	18,017	1,657	3,628	14,387
Uganda	2009	2,186	25	81	2,130	65	*823	*1,310
	2010	*2,456	*29	*75	*2,410	*71	*800	*1,521
	2011	*2,588	*36	89	*2,535	*72	*777	*1,731
	2012	*2,640	*37	*91	*2,586	*71	*792	*1,766
United Rep. of Tanzania	2009	4,736	65	..	4,801	110	1,686	3,116
	2010	5,187	57	..	5,244	117	1,046	4,092
	2011	5,244	55	..	5,299	114	1,159	3,995
	2012	5,795	61	..	5,856	123	1,061	4,441
Zambia	2009	10,414	10	589	9,835	767	2,550	7,280
	2010	11,308	13	578	10,743	813	2,948	7,789
	2011	11,482	13	587	10,908	800	2,994	7,908
	2012	11,856	13	606	11,263	800	3,091	8,166
Zimbabwe	2009	7,291	2,182	905	8,568	665	1,516	7,052
	2010	8,636	1,718	987	9,367	716	1,999	7,368
	2011	9,142	1,577	976	9,743	729	1,700	8,043
	2012	9,088	1,201	653	9,636	702	1,805	7,831
America, North	2009	5,183,688	71,379	71,619	5,183,448	9,545	732,528	4,453,754
	2010	5,377,593	65,129	65,304	5,377,419	9,801	771,069	4,608,599
	2011	5,411,827	69,343	68,516	5,412,654	9,766	786,091	4,629,114
	2012	5,350,563	73,841	77,409	5,346,994	9,552	780,354	4,570,858
Anguilla	2009	91	..	..	91	6,720	11	*80
	2010	99	..	..	99	7,162	11	*87
	2011	95	..	..	95	6,821	12	*84
	2012	90	..	..	90	6,333	11	*79
Antigua and Barbuda	2009	327	..	..	327	3,794	*92	217
	2010	*326	..	..	*326	*3,737	*91	*221
	2011	*325	..	..	*325	*3,687	*91	*230
	2012	*327	..	..	*327	*3,671	*92	*235
Aruba	2009	924	..	..	924	9,114	150	*774
	2010	940	..	..	940	9,254	151	*790
	2011	931	..	..	931	9,129	159	*772
	2012	915	..	..	915	8,932	148	*766
Bahamas	2009	1,769	..	..	1,769	4,990	64	1,688
	2010	1,823	..	..	1,823	5,057	66	1,795
	2011	1,766	..	..	1,766	4,821	*66	1,821
	2012	2,037	..	..	2,037	5,476	*66	1,710
Barbados	2009	1,068	..	..	1,068	3,829	117	951
	2010	1,028	..	..	1,028	3,665	70	958
	2011	1,049	..	..	1,049	3,722	109	940
	2012	1,129	..	..	1,129	3,985	81	1,048
Belize	2009	257	216	..	473	1,571	55	417
	2010	415	160	..	575	1,863	65	509
	2011	384	171	..	555	1,755	70	485
	2012	*399	208	..	*607	*1,873	*69	*538
Bermuda	2009	*746	..	..	*746	*11,510	*95	657
	2010	742	..	..	742	11,430	99	651
	2011	*726	..	..	*726	*11,153	*96	636
	2012	*692	..	..	*692	*10,611	*87	606

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
British Virgin Islands	2009	*125	..	..	*125	*4,710	*20	*105
	2010	*128	..	..	*128	*4,702	*21	*107
	2011	131	..	..	131	4,724	*21	*110
	2012	*130	..	..	*130	*4,628	*21	*109
Canada	2009	612,203	18,163	51,782	578,584	17,142	75,165	503,419
	2010	602,824	18,686	44,389	577,121	16,911	71,170	505,951
	2011	639,347	14,962	51,517	602,792	17,479	86,086	516,706
	2012	634,449	10,887	57,865	587,471	16,863	85,550	501,921
Cayman Islands	2009	626	..	..	626	11,534	49	576
	2010	624	..	..	624	11,241	53	571
	2011	626	..	..	626	11,060	53	573
	2012	607	..	..	607	10,544	39	567
Costa Rica	2009	9,311	151	134	9,328	2,027	1,054	8,313
	2010	9,583	165	136	9,612	2,058	1,071	8,565
	2011	9,831	283	320	9,795	2,067	1,151	8,673
	2012	10,174	419	402	10,191	2,121	1,192	9,019
Cuba	2009	17,727	..	..	17,727	1,570	3,635	16,817
	2010	17,387	..	..	17,387	1,541	3,691	17,109
	2011	17,759	..	..	17,759	1,575	3,734	17,760
	2012	18,432	..	..	18,432	1,635	3,901	18,432
Dominica	2009	93	..	..	93	1,307	13	80
	2010	99	..	..	99	1,392	12	87
	2011	100	..	..	100	1,406	12	89
	2012	102	..	..	102	1,417	12	90
Dominican Republic	2009	14,381	..	..	14,381	1,455	2,106	12,275
	2010	15,332	..	..	15,332	1,531	2,224	13,108
	2011	15,894	..	..	15,894	1,566	2,367	13,527
	2012	16,893	..	..	16,893	1,644	2,514	14,379
El Salvador	2009	5,793	208	79	5,922	958	986	4,933
	2010	5,985	174	89	6,070	976	1,040	5,024
	2011	5,837	251	118	5,970	954	979	5,169
	2012	5,972	163	78	6,057	962	1,012	4,765
Greenland	2009	406	..	..	406	7,184	47	306
	2010	401	..	..	401	7,093	*49	300
	2011	*412	..	..	*412	*7,281	*50	320
	2012	*405	..	..	*405	*7,132	*48	314
Grenada	2009	203	..	..	203	1,946	26	177
	2010	209	..	..	209	1,994	24	185
	2011	204	..	..	204	1,941	23	181
	2012	200	..	..	200	1,893	21	179
Guadeloupe	2009	*1,709	..	..	*1,709	*3,749	*161	*1,548
	2010	*1,809	..	..	*1,809	*3,945	*159	*1,650
	2011	*1,767	..	..	*1,767	*3,832	*155	*1,612
	2012	*1,805	..	..	*1,805	*3,894	*159	*1,646
Guatemala	2009	9,047	37	94	8,990	643	1,519	7,464
	2010	8,893	362	139	9,116	636	1,568	7,549
	2011	9,181	526	183	9,524	648	1,852	7,647
	2012	9,412	372	346	9,438	626	1,697	7,741
Haiti	2009	721	..	..	721	74	386	336
	2010	587	..	..	587	59	358	228
	2011	943	..	..	943	94	655	235
	2012	1,150	..	..	1,150	113	666	484

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Honduras	2009	6,625	1	46	6,580	881	1,503	5,037
	2010	6,777	22	13	6,786	890	1,659	5,100
	2011	7,183	171	127	7,227	929	1,952	5,234
	2012	7,593	154	79	7,668	966	2,284	5,308
Jamaica	2009	4,208	..	..	4,208	1,541	1,141	3,067
	2010	4,217	..	..	4,217	1,538	918	3,301
	2011	4,171	..	..	4,171	1,514	997	3,176
	2012	4,156	..	..	4,156	1,501	1,076	3,081
Martinique	2009	*1,732	..	..	*1,732	*4,330	*87	*1,550
	2010	*1,808	..	..	*1,808	*4,512	*86	*1,582
	2011	*1,764	..	..	*1,764	*4,392	*82	*1,547
	2012	*1,780	..	..	*1,780	*4,422	*85	*1,558
Mexico	2009	261,045	346	1,249	260,142	2,234	60,802	201,124
	2010	271,050	397	1,349	270,098	2,291	62,628	207,947
	2011	295,837	596	1,164	295,269	2,474	69,611	225,921
	2012	293,862	2,342	6,582	289,622	2,397	62,519	229,807
Montserrat	2009	*23	..	..	*23	*4,677	*4	*19
	2010	*23	..	..	*23	*4,644	*4	*19
	2011	*23	..	..	*23	*4,600	*4	*19
	2012	*23	..	..	*23	*4,558	*4	*19
Netherlands Antilles	2009	1,298	..	..	1,298	6,428	330	968
	2010	1,323	..	..	1,323	6,370	336	987
	2011	1,325	..	..	1,325	6,216	336	989
	2012	1,333	..	..	1,333	6,105	338	995
Nicaragua	2009	3,453	2	2	3,453	601	937	2,520
	2010	3,659	10	43	3,626	623	975	2,641
	2011	3,824	10	41	3,793	642	980	2,821
	2012	4,031	20	3	4,048	676	994	2,944
Panama	2009	6,909	64	95	6,878	1,902	915	6,018
	2010	7,419	71	39	7,451	2,026	1,087	6,388
	2011	7,857	72	8	7,921	2,118	1,088	6,695
	2012	8,606	19	59	8,566	2,253	1,185	7,176
Puerto Rico	2009	22,949	..	..	22,949	6,171	*2,670	18,704
	2010	23,247	..	..	23,247	6,267	*2,778	18,984
	2011	22,257	..	..	22,257	6,013	*2,650	18,251
	2012	22,306	..	..	22,306	6,038	*2,686	18,324
St. Kitts-Nevis	2009	*184	..	..	*184	*3,557	*11	*173
	2010	190	..	..	190	3,629	*11	*179
	2011	*196	..	..	*196	*3,700	*12	*184
	2012	204	..	..	204	3,807	*12	*192
St. Lucia	2009	363	..	..	363	2,072	48	315
	2010	381	..	..	381	2,147	50	331
	2011	385	..	..	385	2,149	52	333
	2012	385	..	..	385	2,127	51	333
St. Pierre-Miquelon	2009	45	..	..	45	7,413	3	42
	2010	45	..	..	45	7,500	3	42
	2011	45	..	..	45	7,486	2	44
	2012	43	..	..	43	7,196	3	41
St. Vincent-Grenadines	2009	*140	..	..	*140	*1,281	*16	*124
	2010	*142	..	..	*142	*1,296	*16	*126
	2011	*142	..	..	*142	*1,298	*16	*126
	2012	*144	..	..	*144	*1,317	*16	*128

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Trinidad and Tobago	2009	7,843	..	..	7,843	5,930	578	7,295
	2010	8,485	..	..	8,485	6,389	574	7,911
	2011	8,772	..	..	8,772	6,580	562	8,211
	2012	9,132	..	..	9,132	6,828	571	8,560
Turks and Caicos Islands	2009	*208	..	..	*208	*6,863	*17	*191
	2010	*214	..	..	*214	*6,889	*17	*196
	2011	*214	..	..	*214	*6,745	*18	*196
	2012	*227	..	..	*227	*7,000	*19	*208
United States	2009	4,188,214	52,191	18,138	4,222,267	13,643	577,566	3,644,701
	2010	4,378,422	45,083	19,107	4,404,398	14,105	617,779	3,786,619
	2011	4,349,571	52,301	15,038	4,386,834	13,930	609,833	3,777,001
	2012	4,290,547	59,257	11,995	4,337,809	13,662	610,977	3,726,832
United States Virgin Is.	2009	*921	..	..	*921	*8,643	*148	772
	2010	958	..	..	958	9,001	155	803
	2011	951	..	..	951	8,937	155	796
	2012	872	..	..	872	8,193	148	724
America, South	2009	950,651	53,563	50,701	953,514	2,446	187,253	764,290
	2010	1,010,920	48,433	47,966	1,011,387	2,567	196,451	809,983
	2011	1,047,762	52,126	51,501	1,048,386	2,632	196,322	846,473
	2012	1,089,810	50,310	49,558	1,090,561	2,709	209,478	875,744
Argentina	2009	122,348	8,600	2,445	128,503	3,211	22,115	106,381
	2010	125,594	10,299	1,701	134,192	3,324	21,444	112,757
	2011	129,892	10,929	1,262	139,559	3,427	23,566	115,990
	2012	135,207	8,116	506	142,817	3,476	23,799	119,850
Bolivia (Plur. State of)	2009	6,121	..	..	6,121	613	828	5,768
	2010	6,947	..	..	6,947	684	914	6,166
	2011	7,219	..	..	7,219	699	944	6,385
	2012	7,661	..	..	7,661	730	1,038	6,672
Brazil	2009	466,158	40,746	1,080	505,824	2,614	97,944	407,881
	2010	515,798	35,906	1,257	550,447	2,820	112,584	437,863
	2011	531,759	38,430	2,544	567,645	2,882	110,896	456,748
	2012	552,498	40,722	467	592,753	2,984	120,705	472,048
Chile	2009	60,722	1,348	..	62,070	3,653	8,896	54,034
	2010	60,434	958	..	61,392	3,580	7,619	54,738
	2011	65,713	732	..	66,445	3,839	7,771	57,932
	2012	69,751	0	..	69,751	3,994	8,112	62,219
Colombia	2009	57,265	21	1,077	56,209	1,227	9,488	46,299
	2010	60,111	10	798	59,323	1,277	10,266	47,022
	2011	59,653	8	1,543	58,118	1,234	9,145	49,874
	2012	60,805	7	715	60,097	1,260	8,783	50,865
Ecuador	2009	18,588	1,120	21	19,687	1,334	3,867	15,448
	2010	19,551	873	10	20,414	1,361	3,550	16,832
	2011	20,562	1,295	14	21,843	1,433	3,649	18,185
	2012	22,847	238	12	23,073	1,489	3,691	19,393
Falkland Is. (Malvinas)	2009	*18	..	..	*18	*5,838	0	*18
	2010	*18	..	..	*18	*5,817	0	*18
	2011	*18	..	..	*18	*5,814	0	*18
	2012	*18	..	..	*18	*5,814	0	*18
French Guiana	2009	*794	..	..	*794	*3,521	*95	*699
	2010	*823	..	..	*823	*3,560	*98	*725
	2011	*836	..	..	*836	*3,527	*100	*736
	2012	853	..	..	853	3,509	*100	753

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Guyana	2009	723	..	..	723	926	241	483
	2010	868	..	..	868	1,104	378	477
	2011	910	..	..	910	1,151	393	502
	2012	942	..	..	942	1,185	370	526
Paraguay	2009	54,950	0	45,123	9,827	1,548	3,375	6,451
	2010	54,066	0	43,378	10,688	1,655	3,818	6,870
	2011	57,625	0	46,120	11,505	1,750	3,935	7,571
	2012	60,235	0	47,663	12,572	1,880	4,350	8,222
Peru	2009	32,929	0	63	32,866	1,136	3,185	29,681
	2010	35,890	0	112	35,778	1,223	4,197	34,297
	2011	39,223	6	0	39,229	1,325	2,609	36,619
	2012	39,909	5	2	39,912	1,331	3,944	35,969
Suriname	2009	1,618	..	..	1,618	3,110	171	1,463
	2010	*1,724	..	..	*1,724	*3,283	176	1,547
	2011	*1,951	..	..	*1,951	*3,683	209	1,742
	2012	*1,972	..	..	*1,972	*3,690	211	1,761
Uruguay	2009	8,838	1,468	259	10,047	2,990	1,296	8,817
	2010	10,727	387	710	10,404	3,085	1,493	8,985
	2011	10,342	477	19	10,800	3,192	1,554	9,301
	2012	10,596	742	194	11,144	3,282	1,634	9,575
Venezuela(Bolivar. Rep.)	2009	119,580	260	633	119,207	4,171	35,752	80,868
	2010	118,370	0	0	118,370	4,076	29,914	81,686
	2011	122,059	249	0	122,308	4,146	31,552	84,871
	2012	126,516	480	0	126,996	4,240	32,741	87,873
Asia	2009	8,414,670	68,321	66,385	8,416,606	2,042	1,462,269	6,966,774
	2010	9,260,635	76,317	67,157	9,269,795	2,225	1,523,367	7,686,144
	2011	9,814,022	92,555	72,831	9,833,746	2,336	1,671,592	8,187,673
	2012	10,278,844	92,818	71,121	10,300,541	2,421	1,706,438	8,574,606
Afghanistan	2009	889	957	..	1,846	67	*253	*1,600
	2010	892	1,867	..	2,759	97	*431	2,400
	2011	1,005	2,732	..	3,737	128	690	2,300
	2012	1,022	3,071	..	4,093	137	610	3,265
Armenia	2009	5,672	295	325	5,642	1,901	1,138	4,487
	2010	6,491	246	1,077	5,660	1,910	1,009	4,667
	2011	7,433	205	1,533	6,104	2,059	1,231	5,151
	2012	8,036	98	1,696	6,438	2,168	1,318	5,120
Azerbaijan	2009	18,868	110	380	18,598	2,070	6,237	12,259
	2010	18,710	100	462	18,348	2,017	5,989	12,235
	2011	20,294	128	805	19,617	2,132	6,220	13,267
	2012	22,988	141	680	22,449	2,412	6,974	15,394
Bahrain	2009	22,555	168	0	22,723	19,070	2,213	20,510
	2010	23,441	192	19	23,614	18,868	1,807	22,193
	2011	23,767	227	107	23,887	18,477	2,008	22,769
	2012	24,770	35	190	24,615	18,678	1,534	23,315
Bangladesh	2009	37,225	..	..	37,225	249	6,306	30,919
	2010	41,813	..	..	41,813	277	6,665	35,147
	2011	44,163	..	..	44,163	289	7,009	36,822
	2012	49,039	..	..	49,039	317	8,541	43,239
Bhutan	2009	6,998	20	5,352	1,665	2,364	167	1,498
	2010	7,329	20	5,268	2,081	2,902	193	1,573
	2011	7,068	20	5,268	1,820	2,495	106	1,638
	2012	6,827	37	4,890	1,973	2,660	120	1,770

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Brunei Darussalam	2009	3,612	..	..	3,612	9,158	741	2,871
	2010	3,792	..	..	3,792	9,467	878	2,914
	2011	3,725	..	..	3,725	9,163	661	3,064
	2012	3,930	..	..	3,930	9,533	723	3,208
Cambodia	2009	1,256	725	..	1,981	140	204	1,778
	2010	994	1,357	..	2,351	164	315	2,038
	2011	1,053	1,644	..	2,697	185	327	2,370
	2012	1,434	1,891	..	3,325	224	304	3,021
China	2009	3,714,650	6,006	17,386	3,703,270	2,741	664,975	3,038,240
	2010	4,207,160	5,545	19,059	4,193,646	3,084	743,529	3,449,920
	2011	4,713,019	6,562	19,307	4,700,274	3,435	840,277	3,859,811
	2012	4,987,553	6,874	17,653	4,976,774	3,614	854,638	4,121,626
China, Hong Kong SAR	2009	38,728	11,590	3,731	46,587	6,649	5,096	41,491
	2010	38,292	11,046	2,609	46,729	6,629	4,866	41,862
	2011	39,026	11,339	2,957	47,408	6,681	5,344	42,065
	2012	38,752	11,808	1,838	48,722	6,816	5,691	43,031
China, Macao SAR	2009	1,466	2,227	..	3,693	7,080	233	3,460
	2010	1,077	2,786	..	3,863	7,226	211	3,653
	2011	837	3,165	..	4,002	7,326	193	3,856
	2012	489	3,855	..	4,344	7,802	197	4,204
Cyprus	2009	5,215	..	..	5,215	4,782	462	4,751
	2010	5,322	..	..	5,322	4,822	449	4,882
	2011	4,929	..	..	4,929	4,415	399	4,721
	2012	4,717	..	..	4,717	4,178	319	4,409
Georgia	2009	8,165	255	749	7,671	1,743	2,149	5,858
	2010	9,992	222	1,524	8,690	1,980	1,557	7,288
	2011	10,747	471	931	10,287	2,352	1,653	8,088
	2012	10,137	615	510	10,242	2,350	1,604	8,168
India	2009	899,389	5,359	519	904,229	760	230,027	682,144
	2010	954,539	5,610	584	959,565	796	198,443	694,392
	2011	973,006	8,441	0	981,447	804	242,431	772,603
	2012	1,035,264	5,152	0	1,040,416	841	242,544	785,130
Indonesia	2009	157,516	..	..	157,516	663	20,434	138,159
	2010	186,594	..	..	186,594	775	22,226	162,591
	2011	182,384	..	..	182,384	748	23,554	159,867
	2012	*197,328	2,990	..	*200,318	*811	24,785	173,990
Iran (Islamic Rep. of)	2009	221,370	2,068	6,152	217,286	2,955	45,083	172,201
	2010	232,955	3,015	6,707	229,263	3,079	43,234	186,058
	2011	240,030	3,656	8,668	235,018	3,116	45,606	189,458
	2012	254,253	3,897	11,029	247,121	3,234	47,720	199,402
Iraq	2009	46,065	5,604	..	51,669	1,713	20,879	35,973
	2010	48,909	6,722	..	55,631	1,797	*20,836	40,038
	2011	54,240	7,262	..	61,502	1,932	18,854	42,648
	2012	61,704	8,201	..	69,905	2,133	21,596	48,309
Israel	2009	55,008	..	3,783	51,225	7,042	6,228	45,443
	2010	58,591	..	3,966	54,625	7,361	6,875	48,719
	2011	59,679	..	4,222	55,457	7,353	7,158	48,956
	2012	63,038	..	4,434	58,604	7,667	7,321	51,804
Japan	2009	1,050,326	..	..	1,050,326	8,247	113,276	935,975
	2010	1,117,123	..	..	1,117,123	8,772	116,249	999,728
	2011	1,051,261	..	..	1,051,261	8,257	110,828	939,408
	2012	1,034,305	..	..	1,034,305	8,128	110,584	922,699

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Jordan	2009	14,272	383	139	14,516	2,348	2,659	12,148
	2010	14,777	670	58	15,389	2,384	2,615	12,837
	2011	14,647	1,738	86	16,299	2,421	2,867	13,496
	2012	16,596	784	104	17,276	2,465	3,109	14,245
Kazakhstan	2009	78,710	1,710	2,378	78,042	4,957	27,770	51,885
	2010	82,646	2,105	1,560	83,190	5,225	27,023	57,394
	2011	86,586	3,406	1,809	88,183	5,478	23,188	64,752
	2012	91,207	4,252	2,933	92,526	5,686	24,831	69,193
Korea, Dem.Ppl's.Rep.	2009	21,129	..	..	21,129	867	5,344	15,785
	2010	21,665	..	..	21,665	884	5,480	16,185
	2011	19,227	..	..	19,227	781	4,864	14,363
	2012	19,236	..	..	19,236	777	4,866	14,370
Korea, Republic of	2009	454,504	..	..	454,504	9,436	49,000	405,699
	2010	499,508	..	..	499,508	10,309	49,941	449,345
	2011	523,286	..	..	523,286	10,738	52,168	470,613
	2012	534,618	..	..	534,618	10,910	53,516	481,405
Kuwait	2009	53,216	..	..	53,216	18,672	18,822	34,394
	2010	57,029	..	..	57,029	19,063	19,805	37,224
	2011	57,457	..	..	57,457	18,388	20,075	37,382
	2012	62,655	..	..	62,655	19,276	22,921	39,734
Kyrgyzstan	2009	11,083	52	1,251	9,884	1,877	3,023	6,852
	2010	12,100	116	1,828	10,388	1,947	3,196	7,078
	2011	15,158	174	2,848	12,484	2,310	3,676	8,712
	2012	15,168	177	1,840	13,505	2,467	3,666	9,591
Lao People's Dem. Rep.	2009	3,874	819	1,939	2,754	439	*198	1,901
	2010	3,755	999	2,020	2,734	427	*167	2,228
	2011	3,802	748	*2,020	2,530	388	*211	2,399
	2012	*3,802	*748	*2,020	*2,530	*381	*211	*2,399
Lebanon	2009	13,771	1,155	..	14,926	3,515	1,789	13,137
	2010	15,712	1,245	..	16,957	3,906	1,869	15,088
	2011	16,365	840	..	17,205	3,842	1,868	15,337
	2012	14,826	323	..	15,149	3,260	1,372	13,776
Malaysia	2009	107,116	0	92	107,024	3,851	5,906	96,360
	2010	116,808	0	148	116,660	4,126	10,092	110,853
	2011	124,893	370	10	125,253	4,355	12,779	107,341
	2012	134,373	100	15	134,458	4,598	11,543	116,353
Maldives	2009	298	..	..	298	933	*29	*270
	2010	256	..	..	256	785	*24	*232
	2011	274	..	..	274	824	*24	*250
	2012	297	..	..	297	878	*26	*271
Mongolia	2009	4,039	157	18	4,178	1,563	1,143	3,034
	2010	4,313	263	22	4,554	1,679	1,177	3,375
	2011	4,536	276	24	4,788	1,739	1,335	3,454
	2012	4,816	366	21	5,161	1,845	1,387	3,773
Myanmar	2009	6,964	..	..	6,964	135	1,971	4,936
	2010	8,625	..	..	8,625	166	2,313	6,246
	2011	*10,424	..	..	*10,424	*199	*2,547	*7,877
	2012	*10,965	..	..	*10,965	*208	*2,525	*8,440
Nepal	2009	3,115	639	75	3,679	139	1,110	2,567
	2010	3,208	694	31	3,871	144	1,131	2,740
	2011	3,492	746	4	4,234	156	1,134	3,099
	2012	3,552	793	4	4,341	158	1,099	3,240

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Oman	2009	17,823	..	..	17,823	6,692	5,003	14,482
	2010	19,819	..	..	19,819	7,071	4,193	16,128
	2011	21,354	..	..	21,354	7,060	3,362	18,512
	2012	25,017	..	..	25,017	7,549	4,062	20,956
Other Asia	2009	229,694	..	..	229,694	9,952	28,592	201,639
	2010	246,996	..	..	246,996	10,671	28,883	218,341
	2011	252,016	..	..	252,016	10,858	29,390	223,002
	2012	250,336	..	..	250,336	10,757	28,032	222,657
Pakistan	2009	95,358	249	..	95,607	562	21,260	74,347
	2010	94,383	269	..	94,652	547	17,554	77,099
	2011	95,090	274	..	95,364	541	18,604	76,761
	2012	*96,126	*375	..	*96,501	*539	*19,713	*76,788
Philippines	2009	61,968	..	..	61,968	674	11,067	50,868
	2010	67,777	..	..	67,777	725	12,477	55,266
	2011	69,210	..	..	69,210	728	13,078	56,098
	2012	72,956	..	..	72,956	754	13,711	59,211
Qatar	2009	24,158	..	..	24,158	15,445	3,027	21,131
	2010	28,144	..	..	28,144	16,085	3,526	24,618
	2011	30,730	..	..	30,730	16,081	2,971	27,759
	2012	34,787	..	..	34,787	16,965	4,604	30,184
Saudi Arabia	2009	217,082	..	..	217,082	8,101	33,201	183,881
	2010	240,067	..	..	240,067	8,807	36,528	202,819
	2011	250,077	..	..	250,077	9,008	38,905	210,393
	2012	271,680	..	..	271,680	9,604	40,373	230,521
Singapore	2009	41,800	..	0	41,800	8,420	2,415	39,136
	2010	45,366	..	0	45,366	8,932	2,572	42,285
	2011	45,994	..	0	45,994	8,858	2,467	43,036
	2012	46,915	..	0	46,915	8,846	2,288	44,281
Sri Lanka	2009	9,987	..	..	9,987	485	1,598	8,389
	2010	10,801	..	..	10,801	520	1,592	9,209
	2011	11,600	..	..	11,600	554	1,611	9,990
	2012	11,897	..	..	11,897	564	1,488	10,409
State of Palestine	2009	501	3,983	..	4,484	1,145	897	3,516
	2010	473	4,159	..	4,632	1,154	695	3,280
	2011	569	4,622	..	5,191	1,262	1,292	3,506
	2012	461	4,909	..	5,370	1,273	537	4,846
Syrian Arab Republic	2009	43,308	542	614	43,236	2,056	16,051	27,185
	2010	46,413	690	1,043	46,060	2,139	12,406	33,654
	2011	42,025	902	1,192	41,735	1,914	11,263	30,472
	2012	31,188	0	0	31,188	1,425	8,574	22,614
Tajikistan	2009	16,166	4,304	4,247	16,223	2,178	2,920	13,536
	2010	16,436	339	180	16,595	2,176	2,966	14,257
	2011	16,234	66	191	16,109	2,061	2,870	13,848
	2012	16,998	*66	*191	16,873	2,107	*2,943	13,874
Thailand	2009	148,390	2,439	1,560	149,269	2,252	14,344	134,925
	2010	159,518	7,287	1,615	165,190	2,488	16,243	148,947
	2011	151,595	10,774	*1,235	161,134	2,420	*14,772	*146,362
	2012	166,471	10,527	*1,873	175,125	2,622	*15,897	*159,228
Timor-Leste	2009	132	..	..	132	124	0	132
	2010	137	..	..	137	127	0	137
	2011	140	..	..	140	128	0	140
	2012	126	..	..	126	113	0	126

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Turkey	2009	194,812	812	1,546	194,078	2,724	39,150	154,928
	2010	211,208	1,144	1,918	210,434	2,917	40,420	170,014
	2011	229,393	4,556	3,645	230,304	3,152	46,311	183,993
	2012	239,496	5,827	2,954	242,369	3,275	49,473	192,896
Turkmenistan	2009	15,983	..	2,100	13,883	2,788	4,930	8,953
	2010	16,663	..	2,410	14,253	2,827	5,062	9,191
	2011	17,220	..	2,550	14,670	2,873	5,208	9,462
	2012	17,750	..	2,720	15,030	2,906	5,321	9,695
United Arab Emirates	2009	90,573	0	0	90,573	11,735	12,189	78,384
	2010	97,728	0	0	97,728	11,577	13,306	84,422
	2011	99,137	49	36	99,150	11,109	13,601	85,549
	2012	100,927	16	34	100,909	10,962	14,214	86,695
Uzbekistan	2009	49,950	11,592	11,676	49,866	1,820	8,663	41,203
	2010	51,700	11,998	12,085	51,613	1,859	8,964	42,649
	2011	52,400	12,160	12,249	52,311	1,858	9,083	43,228
	2012	52,500	12,183	12,272	52,411	1,836	9,099	43,312
Viet Nam	2009	83,175	4,102	373	86,904	985	9,992	76,913
	2010	94,835	5,612	964	99,483	1,117	*12,665	85,669
	2011	105,219	5,003	1,134	109,088	1,213	13,415	93,523
	2012	118,937	2,707	1,220	120,424	1,326	*15,500	104,255
Yemen	2009	6,746	..	..	6,746	303	2,105	4,641
	2010	7,755	..	..	7,755	341	2,719	5,036
	2011	6,206	..	..	6,206	266	2,104	4,102
	2012	6,579	..	..	6,579	276	2,413	4,166
Europe	2009	4,700,174	364,667	365,679	4,699,161	6,358	918,551	3,780,675
	2010	4,905,756	372,810	373,951	4,904,615	6,625	931,973	3,975,253
	2011	4,851,012	410,226	416,230	4,845,008	6,536	921,894	3,925,908
	2012	4,892,646	434,890	443,773	4,883,763	6,582	937,436	3,943,566
Albania	2009	5,236	1,964	536	6,664	2,115	2,543	*4,115
	2010	7,728	1,005	1,906	6,827	2,167	2,394	*4,420
	2011	3,947	3,475	301	7,121	2,258	2,386	*4,708
	2012	4,288	3,682	336	7,634	2,414	3,456	*4,178
Andorra	2009	*81	*506	..	*587	*7,465	76	524
	2010	113	471	..	584	7,499	78	506
	2011	91	466	..	557	7,159	75	483
	2012	*91	*466	..	*557	*7,114	*75	*483
Austria	2009	69,088	19,542	18,762	69,868	8,346	10,353	59,515
	2010	71,128	19,898	17,567	73,459	8,743	11,215	62,244
	2011	65,811	24,972	16,777	74,006	8,776	11,795	62,211
	2012	72,616	23,264	20,454	75,426	8,911	12,425	63,001
Belarus	2009	30,376	8,404	3,933	34,847	3,658	7,156	27,691
	2010	34,895	7,767	5,067	37,595	3,961	8,213	29,382
	2011	32,192	9,289	3,704	37,777	3,997	7,889	29,888
	2012	30,799	10,398	2,797	38,400	4,083	8,022	30,378
Belgium	2009	91,225	9,486	11,321	89,390	8,229	12,056	77,255
	2010	95,120	12,395	11,844	95,671	8,744	12,360	83,311
	2011	90,235	13,189	10,652	92,772	8,429	12,591	80,115
	2012	83,071	16,848	6,912	93,007	8,409	11,692	81,315
Bosnia and Herzegovina	2009	15,668	2,887	5,877	12,678	3,290	3,215	9,463
	2010	17,124	3,076	6,905	13,295	3,457	2,948	10,347
	2011	15,280	4,171	5,660	13,791	3,592	3,003	10,788
	2012	14,082	4,481	4,525	14,038	3,662	2,941	11,097

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Bulgaria	2009	42,964	2,662	7,735	37,891	5,089	10,980	26,847
	2010	46,653	1,167	9,613	38,207	5,171	11,020	27,103
	2011	50,797	1,449	12,110	40,136	5,473	11,690	28,421
	2012	47,329	2,353	10,661	39,021	5,362	11,140	27,845
Croatia	2009	12,776	11,892	6,210	18,458	4,243	2,947	15,511
	2010	14,105	12,415	7,650	18,870	4,350	3,008	15,862
	2011	10,831	13,985	6,288	18,528	4,285	2,793	15,735
	2012	10,557	13,174	5,545	18,186	4,222	2,836	15,350
Czech Republic	2009	82,250	8,586	22,230	68,606	6,542	13,693	54,906
	2010	85,910	6,642	21,590	70,962	6,724	13,750	57,204
	2011	87,561	10,457	27,501	70,517	6,646	13,757	56,751
	2012	87,573	11,587	28,707	70,453	6,609	13,791	56,654
Denmark	2009	36,383	11,208	10,874	36,717	6,646	5,250	31,446
	2010	38,862	10,599	11,734	37,727	6,796	5,573	32,369
	2011	35,232	11,694	10,374	36,552	6,556	4,804	31,924
	2012	30,727	15,920	10,706	35,941	6,421	4,607	31,405
Estonia	2009	8,779	3,025	2,943	8,861	6,801	2,211	6,650
	2010	12,964	1,100	4,354	9,710	7,478	2,802	6,908
	2011	12,893	1,690	5,252	9,331	7,208	2,704	6,627
	2012	11,967	2,710	4,950	9,727	7,536	2,749	6,978
Faeroe Islands	2009	276	..	..	276	5,555	*7	269
	2010	280	..	..	280	5,655	*25	255
	2011	274	..	..	274	5,526	*19	255
	2012	292	..	..	292	5,889	*30	261
Finland	2009	72,062	15,460	3,375	84,147	15,746	6,966	77,086
	2010	80,668	15,719	5,218	91,169	16,985	7,521	83,478
	2011	73,481	17,656	3,804	87,333	16,206	7,091	80,076
	2012	70,399	19,089	1,645	87,843	16,242	6,936	80,755
France	2009	535,472	18,517	44,451	509,538	8,098	95,054	417,955
	2010	569,166	19,475	50,188	538,453	8,511	94,405	444,089
	2011	560,343	9,501	65,914	503,930	7,921	89,686	417,566
	2012	564,275	12,213	56,734	519,754	8,124	89,004	434,093
Germany	2009	595,617	41,859	54,132	583,344	7,013	86,084	497,259
	2010	632,983	42,962	57,917	618,028	7,445	85,604	532,424
	2011	613,068	51,003	54,768	609,303	7,350	83,757	525,546
	2012	629,812	46,268	66,810	609,270	7,358	83,437	525,834
Gibraltar	2009	174	..	..	174	5,945	13	161
	2010	177	..	..	177	6,051	14	163
	2011	171	..	..	171	5,844	12	159
	2012	176	..	..	176	6,011	25	151
Greece	2009	61,365	7,600	3,233	65,732	5,923	11,019	54,713
	2010	57,392	8,517	2,811	63,098	5,679	9,978	53,120
	2011	59,436	7,180	3,948	62,668	5,636	10,874	51,794
	2012	60,959	5,954	4,169	62,744	5,640	10,727	52,017
Guernsey	2009	174	210	..	384	6,165	*29	355
	2010	152	239	..	392	6,271	*29	362
	2011	85	309	..	393	6,263	*18	375
	2012	68	313	..	381	6,035	*18	*363
Hungary	2009	35,908	10,972	5,459	41,421	4,129	8,271	33,150
	2010	37,371	9,897	4,702	42,566	4,250	8,359	34,207
	2011	35,983	14,664	8,021	42,626	4,264	8,085	34,540
	2012	34,590	16,970	9,003	42,557	4,266	7,399	32,812

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Iceland	2009	16,834	..	..	16,834	53,645	987	15,659
	2010	17,059	..	..	17,059	53,638	1,166	15,707
	2011	17,211	..	..	17,211	53,442	1,005	16,010
	2012	17,549	..	..	17,549	53,853	981	16,374
Ireland	2009	28,313	939	175	29,077	6,593	4,031	25,268
	2010	28,602	760	290	29,072	6,507	3,782	25,420
	2011	27,472	732	242	27,962	6,182	3,376	24,871
	2012	27,592	784	370	28,006	6,120	3,713	24,163
Isle of Man	2009	533	19	114	437	5,250	48	389
	2010	498	45	108	435	5,177	48	387
	2011	499	41	115	424	5,013	47	377
	2012	296	180	48	428	5,016	47	381
Italy	2009	292,641	47,070	2,111	337,600	5,603	47,584	290,016
	2010	302,064	45,987	1,827	346,224	5,719	46,910	299,313
	2011	302,584	47,519	1,787	348,316	5,733	46,493	301,828
	2012	299,277	45,407	2,304	342,380	5,621	45,644	296,742
Jersey	2009	64	661	..	725	7,532	74	655
	2010	56	669	..	725	7,470	77	649
	2011	46	700	..	746	7,641	67	677
	2012	*47	*714	..	*761	*7,752	*67	*692
Latvia	2009	5,569	4,259	2,605	7,223	3,419	1,119	6,103
	2010	6,627	3,973	3,100	7,500	3,588	1,283	6,215
	2011	6,095	4,009	2,764	7,340	3,540	1,147	6,191
	2012	6,168	4,935	3,244	7,859	3,814	1,008	6,848
Liechtenstein	2009	71	307	..	378	10,532	0	*378
	2010	79	318	..	397	10,980	0	*397
	2011	72	326	..	398	10,946	0	*398
	2012	86	318	..	404	11,021	0	*404
Lithuania	2009	15,358	4,783	7,715	12,426	4,006	4,049	8,371
	2010	5,749	8,174	2,184	11,739	3,826	3,403	8,332
	2011	4,822	8,086	1,347	11,561	3,798	2,977	8,580
	2012	5,043	8,060	1,441	11,662	3,852	2,738	8,921
Luxembourg	2009	3,879	6,022	2,604	7,297	14,649	1,188	6,114
	2010	4,590	7,280	3,216	8,654	17,039	2,066	6,605
	2011	3,718	7,096	2,614	8,200	15,881	1,674	6,529
	2012	3,814	6,732	2,622	7,924	15,130	1,668	6,265
Malta	2009	2,168	..	..	2,168	5,127	461	1,707
	2010	2,115	..	..	2,115	4,980	507	1,606
	2011	2,194	..	..	2,194	5,146	367	1,814
	2012	2,290	..	..	2,290	5,353	415	1,866
Montenegro	2009	2,760	1,151	172	3,739	6,036	798	3,017
	2010	4,022	732	483	4,271	6,888	813	3,211
	2011	2,656	1,383	431	3,608	5,813	804	3,414
	2012	2,844	964	228	3,580	5,764	836	3,220
Netherlands	2009	113,502	15,452	10,561	118,393	7,149	14,443	103,950
	2010	118,140	15,583	12,807	120,916	7,277	14,051	106,865
	2011	112,968	20,620	11,531	122,057	7,324	14,589	107,468
	2012	102,505	32,156	15,046	119,615	7,157	13,139	106,476
Norway	2009	131,773	5,651	14,634	122,790	25,393	14,608	107,287
	2010	123,640	14,673	7,124	131,189	26,821	16,892	113,451
	2011	127,632	11,255	14,329	124,558	25,195	16,505	107,389
	2012	147,845	4,190	22,006	130,029	26,038	20,278	108,824

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
Poland	2009	151,720	7,403	9,594	149,529	3,915	36,812	112,717
	2010	157,657	6,310	7,664	156,303	4,092	37,232	119,071
	2011	163,548	6,780	12,022	158,306	4,144	36,372	121,934
	2012	162,139	9,803	12,643	159,299	4,169	36,653	122,646
Portugal	2009	50,207	7,598	2,822	54,983	5,197	7,128	47,855
	2010	54,090	5,814	3,191	56,713	5,355	6,825	49,888
	2011	52,463	6,742	3,929	55,276	5,216	6,912	48,364
	2012	46,614	10,766	2,871	54,509	5,141	8,268	46,241
Republic of Moldova	2009	1,033	2,941	..	3,974	1,103	793	3,181
	2010	1,064	3,033	..	4,097	1,147	809	3,288
	2011	1,016	3,145	..	4,161	1,174	780	3,380
	2012	932	3,279	..	4,211	1,198	741	3,470
Romania	2009	58,014	651	2,946	55,719	2,543	17,615	37,607
	2010	60,979	767	3,041	58,705	2,685	17,129	41,317
	2011	62,217	3,410	5,316	60,311	2,765	17,622	42,714
	2012	59,045	3,903	3,650	59,298	2,726	17,159	42,386
Russian Federation	2009	991,980	3,066	17,923	977,123	6,800	290,657	686,236
	2010	1,038,030	1,644	19,091	1,020,583	7,106	300,141	726,683
	2011	1,054,765	1,558	24,111	1,032,212	7,196	303,388	728,824
	2012	1,070,734	2,661	19,143	1,054,252	7,364	312,553	740,285
Serbia	2009	38,322	5,184	6,609	36,897	3,803	10,087	26,810
	2010	38,103	5,620	5,917	37,806	3,919	10,237	27,569
	2011	38,600	6,701	6,979	38,322	3,993	10,331	27,991
	2012	36,799	5,781	5,392	37,188	3,893	10,021	27,167
Slovakia	2009	26,155	8,994	7,682	27,467	5,063	4,366	23,098
	2010	27,858	7,334	6,293	28,899	5,319	4,761	24,135
	2011	28,656	11,227	10,500	29,383	5,401	4,568	24,812
	2012	28,664	13,472	13,079	29,057	5,336	5,101	23,937
Slovenia	2009	16,401	7,780	10,839	13,342	6,527	2,050	11,292
	2010	16,433	8,625	10,717	14,341	6,981	2,375	11,966
	2011	16,057	7,036	8,298	14,795	7,175	2,188	12,607
	2012	15,729	7,452	8,363	14,818	7,166	2,269	12,549
Spain	2009	294,620	6,751	14,855	286,516	6,262	46,737	239,778
	2010	301,527	5,206	13,539	293,194	6,349	47,801	244,802
	2011	293,848	7,932	14,023	287,757	6,186	45,138	243,509
	2012	297,559	7,787	18,986	286,360	6,125	46,940	240,248
Sweden	2009	136,729	13,765	9,080	141,414	15,189	16,408	123,386
	2010	148,563	14,931	12,853	150,641	16,056	17,820	131,217
	2011	150,376	12,481	19,714	143,143	15,149	17,183	124,628
	2012	166,562	11,682	31,255	146,989	15,454	17,910	127,286
Switzerland	2009	68,453	31,368	33,525	66,296	8,523	8,802	57,483
	2010	67,815	33,401	32,881	68,335	8,687	8,550	59,772
	2011	64,626	34,824	32,237	67,213	8,453	8,614	58,586
	2012	69,866	31,549	33,749	67,666	8,422	8,694	58,959
T.F.Yug.Rep. Macedonia	2009	6,828	1,438	0	8,266	3,935	1,874	6,392
	2010	7,260	1,420	0	8,680	4,129	1,896	6,784
	2011	6,759	2,749	73	9,435	4,485	2,057	7,378
	2012	6,262	2,741	72	8,931	4,242	1,926	7,005
Ukraine	2009	173,619	25	4,294	169,350	3,660	50,041	119,309
	2010	188,584	23	4,078	184,529	4,007	50,504	134,025
	2011	194,947	35	6,327	188,655	4,119	48,857	139,800
	2012	198,878	93	11,560	187,411	4,116	49,051	137,668

Table 33

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
United Kingdom	2009	376,755	6,609	3,748	379,616	6,153	57,868	321,747
	2010	381,760	7,144	4,481	384,423	6,194	55,598	328,824
	2011	367,455	8,689	2,467	373,677	5,986	55,804	317,873
	2012	363,837	13,791	1,747	375,881	5,987	58,306	317,573
Oceania	2009	302,179	..	..	302,179	8,380	48,078	253,927
	2010	307,430	..	..	307,430	8,386	49,050	258,044
	2011	307,580	..	..	307,580	8,262	47,551	260,086
	2012	303,688	..	..	303,688	8,040	45,550	257,929
American Samoa	2009	178	..	..	178	3,170	21	158
	2010	159	..	..	159	2,860	17	142
	2011	155	..	..	155	2,804	19	136
	2012	157	..	..	157	2,841	22	134
Australia	2009	248,753	..	..	248,753	11,288	42,263	206,490
	2010	252,155	..	..	252,155	11,255	43,056	209,099
	2011	252,623	..	..	252,623	11,109	41,688	210,935
	2012	248,941	..	..	248,941	10,800	39,610	209,331
Cook Islands	2009	33	..	..	33	1,623	0	33
	2010	34	..	..	34	1,661	0	34
	2011	34	..	..	34	1,646	0	34
	2012	33	..	..	33	1,603	0	33
Fiji	2009	809	..	..	809	949	*91	775
	2010	869	..	..	869	1,010	*91	844
	2011	835	..	..	835	962	*90	*844
	2012	837	..	..	837	957	*90	*844
French Polynesia	2009	*736	..	..	*736	*2,771	*73	*670
	2010	*818	..	..	*818	*3,051	*81	*694
	2011	*761	..	..	*761	*2,810	*76	*685
	2012	*766	..	..	*766	*2,796	*76	*689
Guam	2009	1,868	..	..	1,868	11,776	*243	1,625
	2010	*1,882	..	..	*1,882	*11,806	*245	1,638
	2011	*1,858	..	..	*1,858	*11,551	*240	1,618
	2012	*1,799	..	..	*1,799	*11,050	*236	1,564
Kiribati	2009	*22	..	..	*22	*229	*1	*21
	2010	*24	..	..	*24	*247	*1	*23
	2011	*24	..	..	*24	*243	*1	*23
	2012	*24	..	..	*24	*239	*1	*23
Marshall Islands	2009	*111	..	..	*111	*2,124	0	*111
	2010	*114	..	..	*114	*2,169	0	*114
	2011	*114	..	..	*114	*2,166	0	*114
	2012	*114	..	..	*114	*2,164	0	*114
Micronesia(Fed. States of)	2009	70	..	..	70	678	14	*56
	2010	70	..	..	70	678	14	*56
	2011	66	..	..	66	637	13	*53
	2012	*67	..	..	*67	*651	*13	*54
Nauru	2009	21	..	..	21	2,112	*2	*19
	2010	23	..	..	23	2,244	*2	*20
	2011	23	..	..	23	2,294	*2	21
	2012	24	..	..	24	2,352	*2	*21
New Caledonia	2009	1,939	..	..	1,939	7,982	41	1,820
	2010	2,131	..	..	2,131	8,648	*44	2,085
	2011	2,256	..	..	2,256	9,033	*47	2,195
	2012	2,264	..	..	2,264	8,944	*47	*2,195

Electricity supply and consumption

Gigawatt-hours and kilowatt-hours per capita

Country or area	Year	Production	Imports	Exports	Supply		Consumption	
					Total	Per Capita	EIOU+losses	TFC
New Zealand	2009	43,453	..	..	43,453	10,052	4,869	38,038
	2010	44,876	..	..	44,876	10,273	5,041	39,109
	2011	44,465	..	..	44,465	10,074	4,917	39,139
	2012	44,295	..	..	44,295	9,932	4,995	38,641
Niue	2009	*3	..	..	*3	*1,985	0	*3
	2010	*3	..	..	*3	*2,044	0	*3
	2011	*3	..	..	*3	*2,104	0	*3
	2012	*3	..	..	*3	*2,168	0	*3
Northern Mariana Islands	2009	*397	..	..	*397	*7,182	*89	*308
	2010	*400	..	..	*400	*7,427	*90	*310
	2011	*400	..	..	*400	*7,515	*90	*310
	2012	*400	..	..	*400	*7,504	*90	*310
Palau	2009	*101	..	..	*101	*4,955	*25	76
	2010	*98	..	..	*98	*4,807	*25	73
	2011	*96	..	..	*96	*4,635	*25	71
	2012	*96	..	..	*96	*4,602	*25	*71
Papua New Guinea	2009	3,341	..	..	3,341	498	301	3,440
	2010	3,425	..	..	3,425	499	296	3,529
	2011	3,525	..	..	3,525	503	298	3,628
	2012	*3,525	..	..	*3,525	*492	*298	*3,628
Samoa	2009	113	..	..	113	611	*14	91
	2010	116	..	..	116	625	*16	91
	2011	114	..	..	114	608	*16	89
	2012	117	..	..	117	620	*16	*93
Solomon Islands	2009	84	..	..	84	163	*12	71
	2010	87	..	..	87	166	*12	56
	2011	83	..	..	83	154	*12	61
	2012	83	..	..	83	152	*12	55
Tonga	2009	55	..	..	55	528	10	45
	2010	52	..	..	52	498	9	43
	2011	53	..	..	53	508	9	45
	2012	52	..	..	52	499	8	45
Tuvalu	2009	*5	..	..	*5	*464	0	*5
	2010	*5	..	..	*5	*468	0	*5
	2011	*5	..	..	*5	*472	0	*5
	2012	*5	..	..	*5	*477	0	*5
Vanuatu	2009	69	..	..	69	297	5	57
	2010	69	..	..	69	292	6	61
	2011	*68	..	..	*68	*280	5	63
	2012	67	..	..	67	272	5	61
Wallis and Futuna Is.	2009	20	..	..	20	1,467	4	*17
	2010	20	..	..	20	1,461	3	*16
	2011	20	..	..	20	1,468	4	*16
	2012	19	..	..	19	1,422	3	*16