

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.

Total Final Consumption (TFC) 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, 1990-2013

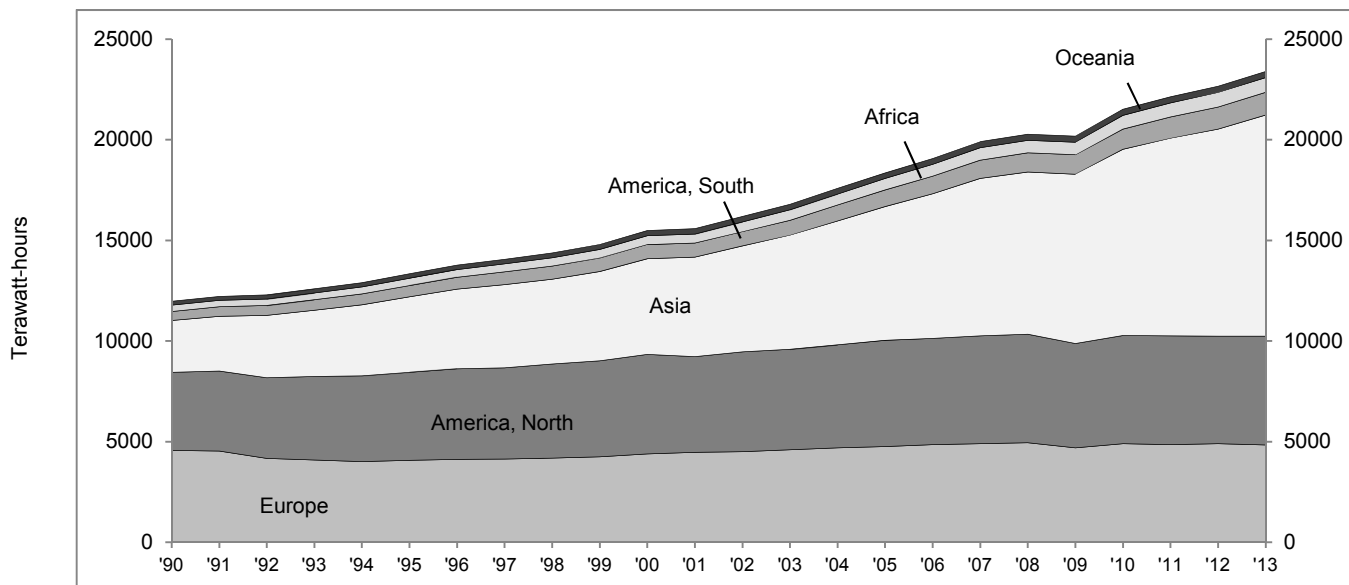


Figure 82: Major electricity producing countries, 2013

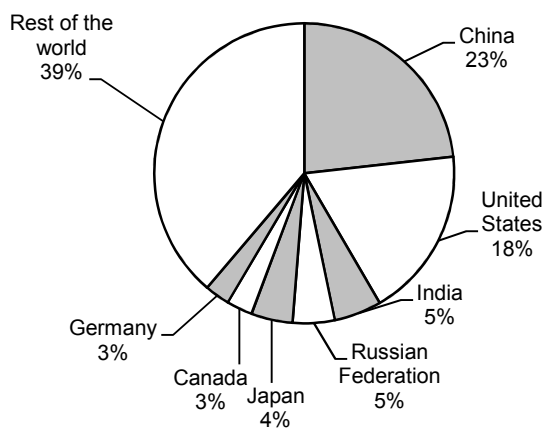


Figure 83: Major electricity consuming countries, 2013

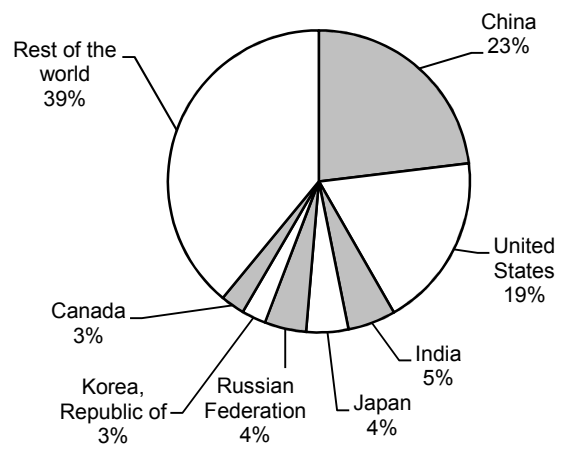


Table 33

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	2010	21,516,074	598,465	588,865	21,525,674	3,107	3,628,598	17,866,624
	2011	22,138,320	659,640	641,860	22,156,100	3,159	3,772,615	18,412,614
	2012	22,652,573	682,649	666,905	22,668,318	3,194	3,828,862	18,849,735
	2013	23,395,101	693,072	657,412	23,430,761	3,263	3,959,255	19,518,199
Africa	2010	677,886	37,981	34,134	681,733	653	128,339	549,760
	2011	700,686	37,931	33,732	704,885	659	130,654	568,472
	2012	722,810	36,541	30,510	728,841	663	136,302	588,103
	2013	735,652	36,670	28,849	743,473	659	150,925	590,481
Algeria	2010	45,734	736	803	45,667	1,267	12,195	33,470
	2011	51,224	657	799	51,082	1,391	15,213	35,867
	2012	57,397	936	985	57,348	1,532	16,571	40,777
	2013	59,890	295	384	59,801	1,566	16,646	43,158
Angola	2010	5,449	..	..	5,449	257	763	4,686
	2011	5,651	..	..	5,651	258	776	4,875
	2012	5,613	..	..	5,613	247	771	4,842
	2013	5,995	..	..	5,995	256	823	5,172
Benin	2010	150	935	..	1,085	114	207	842
	2011	155	928	..	1,083	111	214	869
	2012	163	979	..	1,142	114	225	917
	2013	173	1,035	..	1,208	117	239	969
Botswana	2010	532	2,985	..	3,517	1,717	408	3,109
	2011	437	3,180	..	3,617	1,731	500	3,118
	2012	251	3,371	..	3,622	1,698	424	3,198
	2013	761	2,981	..	3,743	1,720	432	3,310
Burkina Faso	2010	565	385	..	950	61	168	*781
	2011	530	495	..	1,025	64	*175	*850
	2012	626	515	..	1,141	69	*196	*945
	2013	*731	532	..	*1,262	*74	*225	*1,037
Burundi	2010	142	95	..	237	25	*48	*200
	2011	141	*99	..	240	24	8	*244
	2012	142	*99	..	240	24	8	*238
	2013	159	*99	..	258	25	8	*259
Cabo Verde	2010	347	..	..	347	708	96	251
	2011	362	..	..	362	731	102	260
	2012	371	..	..	371	740	108	263
	2013	391	..	..	391	770	107	284
Cameroon	2010	5,899	..	..	5,899	286	1,036	4,863
	2011	5,943	..	..	5,943	281	1,173	4,770
	2012	6,263	..	..	6,263	289	1,272	4,991
	2013	6,849	..	..	6,849	308	1,580	5,269
Central African Rep.	2010	*160	..	..	*160	*36	*11	*149
	2011	*174	..	..	*174	*38	*18	*156
	2012	*177	..	..	*177	*38	*18	*159
	2013	*181	..	..	*181	*38	*21	*161
Chad	2010	200	..	..	200	17	18	*182
	2011	*218	..	..	*218	*18	*18	*200
	2012	205	..	..	205	16	19	*186
	2013	*205	..	..	*205	*16	*19	*186
Comoros	2010	*43	..	..	*43	*62	*2	*41
	2011	*43	..	..	*43	*60	*2	*41
	2012	*43	..	..	*43	*59	*2	*41
	2013	*43	..	..	*43	*57	*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	2010	782	281	0	1,063	261	552	500
	2011	1,293	27	27	1,293	310	816	606
	2012	1,709	25	25	1,709	399	949	801
	2013	1,768	43	0	1,811	412	982	829
Côte d'Ivoire	2010	5,965	145	491	5,619	279	1,502	4,117
	2011	6,099	22	615	5,506	267	1,670	3,836
	2012	7,016	54	645	6,425	304	1,717	4,708
	2013	7,567	59	696	6,930	320	1,851	5,079
Dem. Rep. of the Congo	2010	7,881	161	916	7,126	108	863	6,263
	2011	7,875	44	171	7,748	114	1,030	6,718
	2012	7,956	0	0	7,956	113	850	7,106
	2013	8,627	0	0	8,627	119	922	7,705
Djibouti	2010	*379	..	..	*379	*456	90	*289
	2011	*387	..	..	*387	*460	97	*290
	2012	393	..	..	393	461	*96	*297
	2013	402	..	..	402	465	*96	*306
Egypt	2010	150,486	152	1,595	149,043	1,817	19,862	126,934
	2011	161,162	102	1,679	159,585	1,905	21,568	135,838
	2012	164,628	77	474	164,231	1,917	23,710	140,257
	2013	168,050	61	460	167,651	1,914	29,726	137,591
Equatorial Guinea	2010	*102	..	..	*102	*140	*18	*79
	2011	*104	..	..	*104	*138	*21	*83
	2012	*107	..	..	*107	*138	*24	*83
	2013	*110	..	..	*110	*138	*27	*83
Eritrea	2010	311	..	..	311	66	54	256
	2011	337	..	..	337	70	64	273
	2012	359	..	..	359	73	71	288
	2013	363	..	..	363	73	69	294
Ethiopia	2010	4,980	..	0	4,980	57	1,143	3,837
	2011	6,336	..	332	6,004	67	1,634	4,370
	2012	7,608	..	563	7,045	76	1,769	5,276
	2013	8,719	..	954	7,765	82	1,678	6,087
Gabon	2010	1,963	..	..	1,963	1,273	488	1,475
	2011	2,057	..	..	2,057	1,304	509	1,548
	2012	2,198	..	..	2,198	1,362	544	1,654
	2013	2,400	..	..	2,400	1,454	595	1,805
Gambia	2010	*245	..	..	*245	*145	*23	*236
	2011	*256	..	..	*256	*146	*24	*246
	2012	*266	..	..	*266	*147	*25	*256
	2013	*261	..	..	*261	*140	*19	*249
Ghana	2010	10,167	106	1,036	9,237	380	2,366	6,860
	2011	11,366	81	691	10,756	431	1,569	9,186
	2012	12,204	128	667	11,665	457	1,510	9,258
	2013	13,047	27	530	12,544	479	1,961	10,583
Guinea	2010	957	..	..	957	87	340	*617
	2011	890	..	..	890	79	320	*570
	2012	1,069	..	..	1,069	92	499	*570
	2013	995	..	..	995	83	497	*499
Guinea-Bissau	2010	*32	*32	*20	0	*32
	2011	*33	*33	*20	0	*33
	2012	*34	*34	*20	0	*34
	2013	*35	*35	*20	0	*35

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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
Kenya	2010	6,976	30	30	6,976	173	1,222	5,729
	2011	7,560	34	37	7,557	182	1,283	6,500
	2012	7,852	39	33	7,858	185	1,444	6,760
	2013	8,448	49	36	8,461	194	1,526	7,296
Lesotho	2010	567	201	6	762	379	*14	615
	2011	549	220	46	723	355	*14	651
	2012	485	279	21	744	362	*14	*666
	2013	515	281	2	794	381	*14	710
Liberia	2010	*250	..	..	*250	*63	*35	*215
	2011	*300	..	..	*300	*74	*44	*256
	2012	*300	..	..	*300	*72	*44	*256
	2013	*300	..	..	*300	*70	*44	*256
Libya	2010	32,753	70	152	32,671	5,214	5,314	27,357
	2011	27,614	59	128	27,545	4,380	5,533	22,012
	2012	33,980	61	14	34,027	5,415	5,530	28,497
	2013	30,283	64	1	30,346	4,843	7,881	22,465
Madagascar	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
	2013	1,594	..	..	1,594	70	*65	1,222
Malawi	2010	2,024	..	21	2,003	136	*288	1,716
	2011	1,979	..	20	1,959	129	*281	1,678
	2012	*1,666	..	18	*1,648	*105	*239	1,409
	2013	*1,666	..	*18	*1,648	*102	239	*1,409
Mali	2010	1,292	..	368	924	61	*132	1,191
	2011	1,381	..	*368	1,013	65	*133	*1,201
	2012	1,363	..	*368	995	62	*135	*1,215
	2013	1,510	..	*300	1,210	73	131	1,281
Mauritania	2010	727	115	..	842	235	159	669
	2011	744	*115	..	859	233	152	698
	2012	824	*115	..	939	249	159	771
	2013	790	*115	..	905	234	199	706
Mauritius	2010	2,690	..	..	2,690	2,155	515	2,165
	2011	2,731	..	..	2,731	2,179	502	2,218
	2012	2,797	..	..	2,797	2,222	501	2,284
	2013	2,888	..	..	2,888	2,286	226	2,660
Morocco	2010	22,853	3,939	..	26,792	821	3,087	23,705
	2011	24,364	4,607	..	28,971	876	3,301	25,670
	2012	26,495	4,841	..	31,336	935	3,777	*27,559
	2013	28,134	5,551	151	33,534	986	6,037	28,385
Mozambique	2010	16,666	8,533	12,075	13,124	540	2,601	9,831
	2011	16,830	8,570	11,954	13,446	537	2,605	10,141
	2012	15,166	8,304	9,791	13,679	532	2,453	10,939
	2013	15,645	8,339	9,058	14,926	564	2,867	11,605
Namibia	2010	1,488	2,462	207	3,743	1,706	367	3,376
	2011	1,607	2,389	79	3,917	1,749	*450	*3,467
	2012	1,538	2,226	88	3,676	1,604	*450	*3,635
	2013	1,712	2,907	89	4,530	1,930	750	3,772
Niger	2010	292	551	2	841	52	156	685
	2011	324	607	4	927	55	181	747
	2012	392	637	4	1,024	58	202	826
	2013	438	602	3	1,037	56	194	836

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	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	171	3,547	25,159
	2013	28,961	..	..	28,961	168	5,474	23,487
Réunion	2010	2,700	..	..	2,700	3,250	233	2,467
	2011	2,750	..	..	2,750	3,285	243	2,498
	2012	2,812	..	..	2,812	3,334	284	2,540
	2013	2,813	..	..	2,813	3,312	*284	*2,541
Rwanda	2010	281	80	3	358	35	*72	287
	2011	346	78	5	418	40	*92	326
	2012	393	91	3	481	44	*101	380
	2013	413	94	0	507	46	*119	388
Sao Tome and Principe	2010	57	..	..	57	335	15	42
	2011	*60	..	..	*60	*344	*16	*44
	2012	*67	..	..	*67	*375	*16	*51
	2013	*67	..	..	*67	*367	*16	*51
Senegal	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	233	343	2,313
	2013	3,403	0	..	3,403	239	632	3,079
Seychelles	2010	301	..	..	301	3,234	*41	260
	2011	324	..	..	324	3,452	*44	280
	2012	336	..	..	336	3,560	*47	290
	2013	354	..	..	354	3,720	*47	307
Sierra Leone	2010	*171	..	..	*171	*30	85	85
	2011	176	..	..	176	30	90	86
	2012	179	..	..	179	30	79	100
	2013	164	..	..	164	27	95	69
Somalia	2010	327	..	..	327	34	*32	295
	2011	334	..	..	334	34	*33	301
	2012	340	..	..	340	34	*32	308
	2013	350	..	..	350	34	*35	315
South Africa	2010	259,608	12,193	14,668	257,133	4,981	54,492	202,827
	2011	262,538	11,890	14,964	259,464	4,967	52,275	204,541
	2012	257,919	10,006	15,035	252,890	4,786	52,813	197,094
	2013	256,073	9,428	13,929	251,572	4,710	52,316	196,066
South Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	445	..	..	445	41	44	385
	2013	472	..	..	472	41	45	415
St. Helena and Depend.	2010	9	..	..	9	2,226	*1	8
	2011	9	..	..	9	2,269	*1	8
	2012	10	..	..	10	2,362	*1	9
	2013	11	..	..	11	2,645	*2	9
Sudan	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	9,510	..	..	9,510	252	1,900	7,611
	2013	10,607	..	..	10,607	275	2,712	7,895
Sudan (former)	2010	7,499	7,499	164	1,473	6,026
	2011	8,455	8,455	181	1,765	6,690
	2012
	2013

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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
Swaziland	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	1,165	189	1,246
	2013	*590	822	..	1,412	1,129	184	1,227
Togo	2010	179	706	..	885	138	92	802
	2011	128	853	..	981	149	101	881
	2012	111	959	..	1,070	159	101	969
	2013	111	1,008	..	1,119	162	106	1,000
Tunisia	2010	16,369	141	122	16,388	1,540	2,826	13,551
	2011	16,497	131	161	16,467	1,531	3,210	13,239
	2012	18,059	384	426	18,017	1,656	3,628	14,386
	2013	18,382	177	233	18,326	1,665	3,589	14,729
Uganda	2010	*2,456	*29	*75	*2,410	*73	*800	*1,521
	2011	*2,588	*36	89	*2,535	*74	*777	*1,731
	2012	*2,640	*37	*91	*2,586	*73	*792	*1,766
	2013	*2,861	47	105	*2,803	*77	922	2,070
United Rep. of Tanzania	2010	5,274	57	..	5,331	117	1,053	4,092
	2011	5,093	55	..	5,148	109	1,168	3,995
	2012	5,589	61	..	5,650	116	1,061	4,441
	2013	5,574	59	..	5,633	112	1,155	4,836
Zambia	2010	11,308	13	578	10,743	772	2,948	7,789
	2011	11,482	13	587	10,908	760	2,994	7,908
	2012	11,856	13	606	11,263	762	3,091	8,166
	2013	*13,318	73	1,083	*12,308	*807	1,462	10,846
Zimbabwe	2010	8,640	1,718	987	9,371	671	2,003	7,368
	2011	9,165	1,577	976	9,766	685	1,723	8,043
	2012	9,124	1,201	653	9,672	664	1,841	7,831
	2013	9,483	1,922	816	10,589	711	3,033	7,556
America, North	2010	5,375,073	65,129	65,304	5,374,899	9,828	797,410	4,583,733
	2011	5,407,396	69,328	68,526	5,408,198	9,789	803,313	4,603,120
	2012	5,350,448	72,093	72,581	5,349,960	9,589	796,400	4,566,683
	2013	5,392,368	90,524	81,195	5,401,698	9,590	783,678	4,625,330
Anguilla	2010	99	..	..	99	7,162	11	*87
	2011	95	..	..	95	6,821	12	*84
	2012	90	..	..	90	6,333	11	*79
	2013	89	..	..	89	6,196	11	*77
Antigua and Barbuda	2010	*326	..	..	*326	*3,737	*91	*221
	2011	*325	..	..	*325	*3,687	*91	*230
	2012	*327	..	..	*327	*3,671	*92	*235
	2013	*330	..	..	*330	*3,667	*92	*237
Aruba	2010	940	..	..	940	9,254	151	*790
	2011	931	..	..	931	9,128	159	*772
	2012	915	..	..	915	8,931	148	*766
	2013	*928	..	..	*928	*9,018	149	*779
Bahamas	2010	2,011	..	..	2,011	5,573	74	1,878
	2011	2,054	..	..	2,054	5,601	74	1,924
	2012	1,901	..	..	1,901	5,105	74	1,776
	2013	1,885	..	..	1,885	4,989	74	1,767
Barbados	2010	1,028	..	..	1,028	3,676	70	958
	2011	1,049	..	..	1,049	3,738	109	940
	2012	1,129	..	..	1,129	4,008	80	1,048
	2013	1,016	..	..	1,016	3,596	101	915

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
Belize	2010	415	160	..	575	1,788	65	509
	2011	384	171	..	555	1,686	70	485
	2012	*424	172	..	*596	*1,771	70	*527
	2013	*371	234	..	*606	*1,760	80	*536
Bermuda	2010	742	..	..	742	11,608	99	651
	2011	*726	..	..	*726	*11,417	*96	636
	2012	*692	..	..	*692	*10,953	*87	606
	2013	*673	..	..	*673	*10,721	*87	586
Bonaire, St Eustatius, Saba	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	*119	..	..	*119	*5,168	*30	*88
	2013	*122	..	..	*122	*5,146	*31	*91
British Virgin Islands	2010	*128	..	..	*128	*4,702	*21	*107
	2011	131	..	..	131	4,694	*21	*110
	2012	*130	..	..	*130	*4,560	*21	*109
	2013	*130	..	..	*130	*4,474	*21	*109
Canada	2010	599,082	18,686	44,389	573,379	16,802	97,598	478,637
	2011	633,070	14,962	51,517	596,515	17,290	103,369	488,004
	2012	633,187	10,887	57,865	586,209	16,812	101,146	495,718
	2013	651,919	17,111	67,114	601,916	17,085	105,101	485,191
Cayman Islands	2010	624	..	..	624	11,241	53	571
	2011	626	..	..	626	11,064	53	573
	2012	607	..	..	607	10,552	39	568
	2013	616	..	..	616	10,545	41	574
Costa Rica	2010	9,583	165	136	9,612	2,115	1,071	8,565
	2011	9,831	283	320	9,795	2,129	1,151	8,673
	2012	10,174	419	402	10,191	2,190	1,192	9,019
	2013	12,243	531	484	12,290	2,611	3,200	9,103
Cuba	2010	17,387	..	..	17,387	1,538	3,691	17,109
	2011	17,759	..	..	17,759	1,568	3,734	17,760
	2012	18,432	..	..	18,432	1,625	3,901	18,432
	2013	19,140	..	..	19,140	1,684	3,961	18,135
Curaçao	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	933	..	..	933	6,113	236	697
	2013	917	..	..	917	5,943	233	684
Dominica	2010	99	..	..	99	1,392	12	87
	2011	100	..	..	100	1,406	12	89
	2012	102	..	..	102	1,417	12	90
	2013	101	..	..	101	1,399	11	89
Dominican Republic	2010	16,116	..	..	16,116	1,628	2,364	13,752
	2011	16,701	..	..	16,701	1,666	2,509	14,192
	2012	17,746	..	..	17,746	1,747	2,661	15,085
	2013	18,799	..	..	18,799	1,828	3,096	15,704
El Salvador	2010	5,985	174	89	6,070	1,005	1,040	5,024
	2011	5,837	251	118	5,970	986	979	5,169
	2012	5,972	163	78	6,057	997	1,012	4,765
	2013	5,896	374	91	6,179	1,015	1,001	4,947
Greenland	2010	401	..	..	401	7,093	*49	300
	2011	*412	..	..	*412	*7,305	*50	320
	2012	416	..	..	416	7,383	*48	314
	2013	416	..	..	416	7,395	*47	318

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
Grenada	2010	209	..	..	209	1,994	24	185
	2011	204	..	..	204	1,942	23	181
	2012	200	..	..	200	1,893	21	179
	2013	197	..	..	197	1,857	21	176
Guadeloupe	2010	*1,809	..	..	*1,809	*3,960	*159	*1,650
	2011	*1,767	..	..	*1,767	*3,852	*155	*1,612
	2012	*1,805	..	..	*1,805	*3,916	*159	*1,646
	2013	*1,809	..	..	*1,809	*3,903	*160	*1,649
Guatemala	2010	8,893	362	139	9,116	619	1,568	7,549
	2011	9,181	511	193	9,499	631	1,852	7,647
	2012	9,412	372	346	9,438	614	1,697	7,741
	2013	9,826	313	669	9,470	604	*1,182	8,288
Haiti	2010	587	..	..	587	59	358	228
	2011	974	..	..	974	96	686	235
	2012	1,148	..	..	1,148	112	655	493
	2013	1,105	..	..	1,105	106	618	456
Honduras	2010	6,777	22	13	6,786	904	1,659	5,100
	2011	7,653	171	127	7,697	1,010	2,080	5,449
	2012	7,740	154	79	7,815	1,010	2,552	5,308
	2013	8,074	268	156	8,186	1,043	2,775	5,455
Jamaica	2010	4,217	..	..	4,217	1,538	918	3,301
	2011	4,171	..	..	4,171	1,515	997	3,176
	2012	4,156	..	..	4,156	1,504	1,076	3,081
	2013	4,256	..	..	4,256	1,535	1,212	*3,039
Martinique	2010	*1,808	..	..	*1,808	*4,582	*86	*1,582
	2011	*1,764	..	..	*1,764	*4,470	*82	*1,547
	2012	*1,780	..	..	*1,780	*4,507	*85	*1,558
	2013	*1,764	..	..	*1,764	*4,460	*84	*1,544
Mexico	2010	271,050	397	1,349	270,098	2,277	62,628	207,947
	2011	295,837	596	1,164	295,269	2,453	69,611	225,921
	2012	293,862	630	1,754	292,738	2,398	62,519	229,807
	2013	297,079	1,210	1,240	297,049	2,401	57,542	241,571
Montserrat	2010	*23	..	..	*23	*4,644	*4	*19
	2011	*23	..	..	*23	*4,606	*4	*19
	2012	*23	..	..	*23	*4,573	*4	*19
	2013	*23	..	..	*23	*4,543	*4	*19
Neth. Antilles (former)	2010	1,323	..	..	1,323	6,370	336	987
	2011	1,325	..	..	1,325	6,216	336	989
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
Nicaragua	2010	3,659	10	43	3,626	632	975	2,641
	2011	3,824	10	41	3,793	653	980	2,821
	2012	4,031	20	3	4,048	689	994	2,944
	2013	4,163	52	16	4,199	706	1,043	3,196
Panama	2010	7,419	71	39	7,451	2,058	1,087	6,388
	2011	7,857	72	8	7,921	2,151	1,088	6,695
	2012	8,606	19	59	8,566	2,288	1,185	7,176
	2013	8,962	75	71	8,966	2,356	1,214	7,511
Puerto Rico	2010	23,497	..	..	23,497	6,334	*2,543	20,704
	2011	22,507	..	..	22,507	6,080	*2,281	19,977
	2012	22,556	..	..	22,556	6,103	*2,724	19,582
	2013	21,743	..	..	21,743	5,891	*1,787	19,706

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
Sint Maarten (Dutch part)	2010	..	..	..	..	..	..	..
	2011	..	..	..	..	..	..	..
	2012	*281	..	..	*281	*8,006	*72	*210
	2013	*287	..	..	*287	*7,881	*73	*214
St. Kitts-Nevis	2010	190	..	..	190	3,629	*11	*179
	2011	*196	..	..	*196	*3,698	*12	*184
	2012	204	..	..	204	3,802	*12	*192
	2013	*204	..	..	*204	*3,757	*12	*192
St. Lucia	2010	381	..	..	381	2,147	50	331
	2011	385	..	..	385	2,149	52	333
	2012	385	..	..	385	2,127	51	333
	2013	383	..	..	383	2,101	48	334
St. Pierre-Miquelon	2010	45	..	..	45	7,228	3	42
	2011	45	..	..	45	7,209	2	44
	2012	43	..	..	43	6,927	3	41
	2013	47	..	..	47	7,410	*3	*43
St. Vincent-Grenadines	2010	*142	..	..	*142	*1,296	*16	*126
	2011	*142	..	..	*142	*1,299	*16	*126
	2012	*144	..	..	*144	*1,317	*16	*128
	2013	*144	..	..	*144	*1,317	*15	*128
Trinidad and Tobago	2010	8,485	..	..	8,485	6,389	574	7,911
	2011	8,772	..	..	8,772	6,572	562	8,211
	2012	9,132	..	..	9,132	6,807	571	8,560
	2013	9,505	..	..	9,505	7,050	580	8,926
Turks and Caicos Islands	2010	*214	..	..	*214	*6,889	*17	*196
	2011	*214	..	..	*214	*6,745	*18	*196
	2012	*227	..	..	*227	*7,000	*19	*208
	2013	*227	..	..	*227	*6,857	*19	*208
United States	2010	4,378,422	45,083	19,107	4,404,398	14,213	617,779	3,786,619
	2011	4,349,571	52,301	15,038	4,386,834	14,043	609,833	3,777,001
	2012	4,290,547	59,257	11,995	4,337,809	13,780	610,977	3,726,832
	2013	4,306,160	70,355	11,353	4,365,162	13,764	597,809	3,782,151
United States Virgin Is.	2010	958	..	..	958	9,001	155	803
	2011	951	..	..	951	8,947	155	796
	2012	872	..	..	872	8,215	148	724
	2013	820	..	..	820	7,723	139	681
America, South	2010	1,010,830	48,433	47,964	1,011,299	2,547	203,779	817,608
2011	1,055,075	52,126	51,498	1,055,702	2,630	202,577	854,388	
2012	1,097,749	50,310	49,556	1,098,502	2,707	215,532	884,105	
2013	1,130,056	50,019	49,221	1,130,853	2,758	218,504	929,218	
Argentina	2010	125,594	10,299	1,701	134,192	3,255	21,444	112,757
	2011	129,892	10,929	1,262	139,559	3,350	23,566	115,990
	2012	135,207	8,116	506	142,817	3,393	23,080	119,850
	2013	140,863	8,303	247	148,919	3,501	24,792	124,127
Bolivia (Plur. State of)	2010	6,777	..	..	6,777	683	906	6,112
	2011	7,219	..	..	7,219	716	936	6,329
	2012	7,661	..	..	7,661	748	1,028	6,613
	2013	8,063	..	..	8,063	775	919	6,962
Brazil	2010	515,798	35,906	1,257	550,447	2,771	112,584	437,863
	2011	531,759	38,430	2,544	567,645	2,831	110,896	456,748
	2012	552,498	40,722	467	592,753	2,929	120,705	472,048
	2013	570,836	40,334	0	611,170	2,992	124,715	486,454

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
Chile	2010	60,434	958	..	61,392	3,608	7,619	54,738
	2011	65,713	732	..	66,445	3,863	7,771	57,932
	2012	69,751	0	..	69,751	4,011	8,112	62,219
	2013	73,065	0	..	73,065	4,157	9,075	65,176
Colombia	2010	60,234	10	796	59,448	1,295	17,602	54,701
	2011	66,983	8	1,540	65,451	1,410	15,408	57,845
	2012	68,742	7	713	68,036	1,451	15,564	59,285
	2013	71,419	5	1,374	70,050	1,480	12,220	67,260
Ecuador	2010	19,509	873	10	20,372	1,364	3,550	16,832
	2011	20,544	1,295	14	21,825	1,438	3,649	18,185
	2012	22,847	238	12	23,073	1,496	3,691	19,393
	2013	23,259	662	29	23,892	1,526	3,430	20,426
Falkland Is. (Malvinas)	2010	*18	..	..	*18	*6,145	0	*18
	2011	*18	..	..	*18	*6,165	0	*18
	2012	*18	..	..	*18	*6,165	0	*18
	2013	*18	..	..	*18	*6,135	0	*18
French Guiana	2010	*823	..	..	*823	*3,520	*98	*725
	2011	*836	..	..	*836	*3,479	*100	*736
	2012	853	..	..	853	3,451	*100	753
	2013	858	..	..	858	3,374	*100	*758
Guyana	2010	868	..	..	868	1,152	378	477
	2011	910	..	..	910	1,204	393	502
	2012	942	..	..	942	1,243	370	526
	2013	962	..	..	962	1,264	258	704
Paraguay	2010	54,066	..	43,378	10,688	1,721	3,818	6,870
	2011	57,625	..	46,120	11,505	1,828	3,935	7,571
	2012	60,237	..	47,663	12,574	1,971	4,352	8,222
	2013	60,381	..	47,365	13,016	2,013	3,998	9,017
Peru	2010	35,890	0	112	35,778	1,218	4,197	34,297
	2011	*39,223	6	0	*39,229	*1,318	2,609	36,619
	2012	39,909	5	2	39,912	1,323	3,944	35,969
	2013	43,330	0	0	43,330	1,418	*4,023	39,307
Suriname	2010	1,723	..	..	1,723	3,326	176	1,547
	2011	1,951	..	..	1,951	3,728	209	1,742
	2012	1,972	..	..	1,972	3,732	211	1,761
	2013	2,184	..	..	2,184	4,095	234	1,951
Uruguay	2010	10,727	387	710	10,404	3,083	1,493	8,985
	2011	10,342	477	19	10,800	3,190	1,554	9,301
	2012	10,596	742	194	11,144	3,281	1,634	9,575
	2013	11,657	0	206	11,451	3,360	1,606	9,850
Venezuela (Bolivar. Rep.)	2010	118,370	0	..	118,370	4,082	29,914	81,686
	2011	122,059	249	..	122,308	4,156	31,552	84,871
	2012	126,516	480	..	126,996	4,254	32,741	87,873
	2013	123,160	715	..	123,875	4,092	33,134	97,208
Asia	2010	9,238,946	73,131	66,484	9,245,594	2,217	1,518,903	7,680,859
	2011	9,814,652	90,243	71,943	9,832,952	2,333	1,667,223	8,199,798
	2012	10,282,745	90,007	70,695	10,302,057	2,418	1,701,879	8,605,078
	2013	10,991,916	94,792	68,879	11,017,828	2,559	1,850,578	9,193,987
Afghanistan	2010	892	1,867	..	2,759	99	*431	2,400
	2011	1,005	2,732	..	3,737	130	690	2,300
	2012	1,022	3,071	..	4,093	138	610	3,265
	2013	*1,022	3,615	..	4,638	151	*756	3,022

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
Armenia	2010	6,491	246	1,077	5,660	1,910	1,009	4,667
	2011	7,433	205	1,533	6,104	2,057	1,231	5,151
	2012	8,036	98	1,696	6,438	2,162	1,318	5,120
	2013	7,710	148	1,313	6,545	2,187	1,278	5,404
Azerbaijan	2010	18,710	100	462	18,348	2,016	5,989	12,235
	2011	20,294	128	805	19,617	2,126	6,220	13,267
	2012	22,988	141	680	22,449	2,398	6,974	15,394
	2013	23,354	127	495	22,986	2,420	6,921	15,982
Bahrain	2010	23,441	192	19	23,614	18,722	1,807	22,193
	2011	24,338	227	107	24,458	18,727	1,683	22,775
	2012	24,770	35	190	24,615	18,458	1,534	23,315
	2013	25,916	70	53	25,933	19,218	1,420	24,513
Bangladesh	2010	40,790	..	..	40,790	269	6,747	34,392
	2011	44,153	..	..	44,153	288	7,149	36,971
	2012	48,562	..	..	48,562	313	8,671	40,088
	2013	53,043	..	..	53,043	338	10,175	42,634
Bhutan	2010	7,328	20	5,268	2,081	2,889	445	1,573
	2011	7,068	20	5,268	1,820	2,485	129	1,638
	2012	6,827	37	4,890	1,973	2,653	143	1,770
	2013	7,640	108	5,648	2,100	2,783	197	1,841
Brunei Darussalam	2010	3,792	..	..	3,792	9,641	878	2,914
	2011	3,725	..	..	3,725	9,325	661	3,064
	2012	3,930	..	..	3,930	9,691	723	3,208
	2013	4,402	..	..	4,402	10,697	1,247	3,155
Cambodia	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	290	3,035
	2013	1,778	2,050	..	3,828	254	522	3,306
China	2010	4,207,160	5,545	19,059	4,193,646	3,127	743,529	3,449,920
	2011	4,713,019	6,562	19,307	4,700,274	3,486	840,277	3,859,811
	2012	4,987,553	6,874	17,653	4,976,774	3,672	854,638	4,121,626
	2013	5,431,637	7,438	18,669	5,420,406	3,978	936,237	4,484,105
China, Hong Kong SAR	2010	38,292	10,511	2,609	46,194	6,605	4,331	41,863
	2011	39,026	10,735	2,957	46,804	6,644	4,739	42,065
	2012	38,752	11,156	1,838	48,070	6,769	5,039	43,031
	2013	39,063	9,969	1,650	47,382	6,614	4,826	42,556
China, Macao SAR	2010	1,077	2,786	..	3,863	7,226	211	3,653
	2011	886	3,165	..	4,051	7,410	197	3,855
	2012	561	3,855	..	4,416	7,917	213	4,203
	2013	413	4,059	..	4,472	7,872	183	4,288
Cyprus	2010	5,322	..	..	5,322	4,822	449	4,882
	2011	4,929	..	..	4,929	4,414	399	4,721
	2012	4,717	..	..	4,717	4,177	319	4,409
	2013	4,290	..	..	4,290	3,758	371	3,921
Georgia	2010	10,124	232	1,492	8,864	2,086	1,557	7,288
	2011	10,194	477	930	9,741	2,321	1,653	8,088
	2012	9,695	615	528	9,782	2,363	1,604	8,168
	2013	10,059	484	450	10,093	2,472	1,019	9,074
India	2010	954,539	5,610	584	959,565	780	198,443	694,392
	2011	973,006	8,441	0	981,447	787	242,431	772,603
	2012	1,035,264	5,152	0	1,040,416	823	242,544	785,130
	2013	1,193,480	5,598	0	1,199,078	937	309,023	890,055

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
Indonesia	2010	169,570	2,224	..	171,794	711	22,226	152,805
	2011	182,389	2,542	..	184,931	755	23,559	160,517
	2012	196,181	2,990	..	199,171	803	23,638	173,991
	2013	216,186	3,030	..	219,216	872	25,712	196,967
Iran (Islamic Rep. of)	2010	232,965	3,015	6,707	229,273	3,088	43,244	186,058
	2011	240,052	3,656	8,668	235,040	3,126	45,628	189,458
	2012	254,276	3,897	11,029	247,144	3,245	47,743	199,402
	2013	262,434	3,707	11,586	254,555	3,299	49,891	205,630
Iraq	2010	48,909	6,722	..	55,631	1,802	*20,836	40,038
	2011	54,240	7,262	..	61,502	1,930	18,854	42,648
	2012	61,704	8,201	..	69,905	2,121	21,596	48,309
	2013	73,556	9,246	..	82,802	2,428	22,067	60,735
Israel	2010	58,591	..	3,966	54,625	7,361	6,875	48,719
	2011	59,679	..	4,222	55,457	7,332	7,158	48,956
	2012	63,003	..	4,434	58,569	7,612	7,407	51,804
	2013	59,941	..	4,677	55,264	7,069	5,985	50,145
Japan	2010	1,117,123	..	..	1,117,123	8,774	116,249	999,764
	2011	1,051,281	..	..	1,051,281	8,261	110,801	940,972
	2012	1,034,328	..	..	1,034,328	8,135	110,578	940,513
	2013	1,045,293	..	..	1,045,293	8,232	108,038	950,236
Jordan	2010	14,777	670	58	15,389	2,361	2,615	12,837
	2011	14,647	1,738	86	16,299	2,411	2,867	13,496
	2012	16,596	784	104	17,276	2,470	3,109	14,245
	2013	17,263	381	59	17,585	2,437	3,121	14,472
Kazakhstan	2010	82,646	2,105	1,560	83,190	5,100	27,023	57,394
	2011	86,586	3,406	1,809	88,183	5,327	23,188	64,752
	2012	91,207	4,252	2,933	92,526	5,500	24,831	69,193
	2013	95,368	2,147	2,996	94,519	5,528	28,404	66,285
Korea, Dem.Ppl's.Rep.	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
	2013	19,524	..	..	19,524	784	4,940	14,584
Korea, Republic of	2010	499,508	..	..	499,508	10,175	49,941	449,345
	2011	523,286	..	..	523,286	10,602	52,168	470,613
	2012	534,618	..	..	534,618	10,777	53,516	481,405
	2013	541,996	..	..	541,996	10,873	55,282	487,125
Kuwait	2010	57,029	..	..	57,029	18,640	19,805	37,224
	2011	57,457	..	..	57,457	17,738	20,075	37,382
	2012	62,655	..	..	62,655	18,322	22,921	39,734
	2013	60,982	..	..	60,982	16,969	21,203	39,779
Kyrgyzstan	2010	12,100	116	1,828	10,388	1,901	3,196	7,078
	2011	15,158	174	2,848	12,484	2,248	3,676	8,712
	2012	15,168	177	1,840	13,505	2,391	3,666	9,591
	2013	14,011	..	377	13,634	2,373	3,095	10,267
Lao People's Dem. Rep.	2010	3,755	999	2,020	2,734	437	*167	2,228
	2011	3,802	748	*2,020	2,530	397	*211	2,399
	2012	*3,802	*748	*2,020	*2,530	*391	*211	2,853
	2013	4,471	1,205	876	4,800	729	900	3,363
Lebanon	2010	15,712	1,245	..	16,957	3,910	1,869	15,088
	2011	16,365	840	..	17,205	3,747	1,868	15,337
	2012	14,826	323	..	15,149	3,076	1,372	13,776
	2013	18,153	529	..	18,682	3,534	1,795	17,174

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
Malaysia	2010	116,808	0	148	116,661	4,149	10,092	110,853
	2011	124,894	370	10	125,254	4,384	12,779	107,341
	2012	134,421	100	15	134,506	4,635	11,543	116,353
	2013	138,331	221	23	138,529	4,701	11,366	123,076
Maldives	2010	256	..	..	256	769	*24	*232
	2011	274	..	..	274	808	*24	*250
	2012	297	..	..	297	862	*26	*271
	2013	303	..	..	303	863	*29	*273
Mongolia	2010	4,313	263	22	4,554	1,679	1,177	3,375
	2011	4,536	276	24	4,788	1,736	1,335	3,454
	2012	4,816	366	21	5,161	1,838	1,387	3,773
	2013	5,020	1,196	18	6,197	2,167	1,465	4,732
Myanmar	2010	8,625	..	..	8,625	167	2,313	6,312
	2011	10,425	..	..	10,425	200	2,708	7,717
	2012	10,965	..	..	10,965	209	2,710	8,255
	2013	12,247	..	..	12,247	231	2,634	9,613
Nepal	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	3,543	793	4	4,332	158	1,090	3,240
	2013	3,130	1,072	4	4,198	151	785	3,413
Oman	2010	19,819	..	..	19,819	6,733	3,686	16,134
	2011	21,874	..	..	21,874	6,814	3,362	18,513
	2012	25,017	..	..	25,017	7,057	4,062	20,956
	2013	26,240	..	..	26,240	6,716	3,450	22,790
Other Asia	2010	246,996	..	..	246,996	10,646	28,883	218,341
	2011	252,016	..	..	252,016	10,835	29,390	223,002
	2012	250,336	..	..	250,336	10,742	28,032	222,657
	2013	252,038	..	..	252,038	10,800	25,703	226,639
Pakistan	2010	94,383	269	..	94,652	557	17,554	77,099
	2011	95,090	274	..	95,364	549	18,604	76,761
	2012	*96,126	*375	..	*96,501	*544	*19,713	*76,788
	2013	97,792	392	..	98,184	542	20,051	78,890
Philippines	2010	67,777	..	..	67,777	728	12,477	55,266
	2011	69,210	..	..	69,210	732	13,078	56,098
	2012	72,956	..	..	72,956	760	13,711	59,211
	2013	75,300	..	..	75,300	772	13,285	61,566
Qatar	2010	28,144	..	..	28,144	15,941	3,526	24,618
	2011	30,730	..	..	30,730	16,128	2,971	27,759
	2012	34,787	..	..	34,787	17,259	4,604	30,184
	2013	34,668	..	..	34,668	16,498	4,603	30,066
Saudi Arabia	2010	240,067	..	..	240,067	8,546	36,528	202,819
	2011	250,077	..	..	250,077	8,687	38,905	210,393
	2012	271,680	..	..	271,680	9,211	40,373	231,307
	2013	284,017	..	..	284,017	9,404	35,791	248,226
Singapore	2010	45,361	..	..	45,361	8,931	2,567	42,300
	2011	46,000	..	..	46,000	8,862	2,473	43,048
	2012	46,971	..	..	46,971	8,863	2,344	44,294
	2013	47,964	..	..	47,964	8,874	3,041	44,923
Sri Lanka	2010	10,801	..	..	10,801	535	1,592	9,209
	2011	11,600	..	..	11,600	571	1,611	9,990
	2012	11,897	..	..	11,897	583	1,488	10,409
	2013	12,044	..	..	12,044	587	1,465	10,554

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
State of Palestine	2010	473	4,159	..	4,632	1,138	695	3,280
	2011	569	4,622	..	5,191	1,242	1,292	3,506
	2012	461	4,909	..	5,370	1,250	537	4,846
	2013	536	4,734	..	5,270	1,193	527	4,743
Syrian Arab Republic	2010	46,413	690	1,043	46,060	2,223	12,406	33,654
	2011	42,025	902	1,192	41,735	2,036	11,263	30,472
	2012	31,188	0	0	31,188	1,561	8,574	22,614
	2013	25,933	0	529	25,404	1,315	6,599	18,805
Tajikistan	2010	16,436	432	286	16,582	2,187	2,489	14,093
	2011	16,234	172	197	16,209	2,090	2,427	13,686
	2012	16,998	114	775	16,337	2,060	2,602	13,711
	2013	17,115	117	1,061	16,171	1,993	2,684	13,487
Thailand	2010	159,518	7,287	1,615	165,190	2,477	16,243	148,947
	2011	151,595	10,774	*1,235	161,134	2,408	*14,772	*146,362
	2012	166,471	10,527	*1,873	175,125	2,607	*15,897	*159,228
	2013	165,707	12,569	1,279	176,997	2,624	16,560	164,322
Timor-Leste	2010	137	..	..	137	129	*14	123
	2011	140	..	..	140	130	*14	126
	2012	126	..	..	126	114	*13	113
	2013	295	..	..	295	261	*30	*265
Turkey	2010	211,208	1,144	1,918	210,434	2,910	40,420	170,014
	2011	229,393	4,556	3,645	230,304	3,133	46,311	183,993
	2012	239,496	5,827	2,954	242,369	3,238	49,473	192,896
	2013	240,154	7,429	1,227	246,356	3,232	50,188	196,168
Turkmenistan	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	5,335	9,695
	2013	18,870	..	2,850	16,020	3,057	5,686	10,334
United Arab Emirates	2010	93,949	0	0	93,949	11,279	*9,980	*89,587
	2011	99,137	49	36	99,150	11,351	*10,201	*95,508
	2012	106,222	16	34	106,204	11,863	*10,751	101,454
	2013	109,979	0	23	109,956	12,163	*11,025	105,363
Uzbekistan	2010	51,700	12,333	12,245	51,788	1,867	8,993	42,795
	2011	52,400	12,500	12,411	52,489	1,864	9,113	43,376
	2012	52,500	12,524	12,435	52,589	1,839	9,129	43,460
	2013	54,200	12,930	12,838	54,292	1,870	9,425	44,867
Viet Nam	2010	94,835	299	57	95,077	1,076	*12,665	85,669
	2011	105,219	301	79	105,441	1,180	13,415	93,523
	2012	118,937	159	29	119,067	1,318	*15,500	104,255
	2013	128,546	221	178	128,589	1,407	*16,046	115,283
Yemen	2010	7,755	..	..	7,755	329	2,719	5,036
	2011	6,204	..	..	6,204	256	2,129	4,075
	2012	7,073	..	..	7,073	284	2,910	4,163
	2013	8,501	..	..	8,501	333	3,531	4,970
Europe	2010	4,905,800	373,790	374,979	4,904,611	6,669	931,058	3,976,776
	2011	4,852,279	410,013	416,161	4,846,130	6,581	921,225	3,927,116
	2012	4,894,117	433,698	443,562	4,884,253	6,627	933,143	3,947,281
	2013	4,841,508	421,068	429,268	4,833,307	6,553	906,400	3,924,901
Albania	2010	7,744	1,985	2,934	6,795	2,342	1,127	5,668
	2011	4,217	3,262	232	7,247	2,511	1,590	5,657
	2012	4,725	2,538	0	7,263	2,521	1,503	5,760
	2013	6,956	2,323	0	9,279	3,218	2,386	6,892

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
Andorra	2010	113	471	..	584	6,920	78	506
	2011	103	466	..	569	6,917	87	483
	2012	88	*466	..	*554	*6,986	*86	*483
	2013	115	466	3	578	7,613	*88	*483
Austria	2010	71,128	19,898	17,567	73,459	8,753	11,142	62,317
	2011	65,813	24,972	16,777	74,008	8,786	11,808	62,200
	2012	72,617	23,264	20,454	75,427	8,920	12,476	62,951
	2013	68,301	24,960	17,688	75,573	8,905	12,633	62,940
Belarus	2010	34,895	7,767	5,067	37,595	3,961	8,213	29,382
	2011	32,192	9,289	3,704	37,777	3,982	7,889	29,888
	2012	30,799	10,398	2,797	38,400	4,046	8,022	30,378
	2013	31,507	9,382	3,012	37,877	3,988	7,942	29,935
Belgium	2010	95,120	12,395	11,844	95,671	8,753	12,360	83,311
	2011	90,235	13,189	10,652	92,772	8,430	12,591	80,282
	2012	83,084	16,848	6,912	93,020	8,396	11,693	81,315
	2013	83,456	17,243	7,603	93,096	8,347	11,200	80,985
Bosnia and Herzegovina	2010	17,124	3,076	6,905	13,295	3,467	2,948	10,347
	2011	15,280	4,171	5,660	13,791	3,599	3,003	10,788
	2012	14,082	4,481	4,525	14,038	3,667	2,941	11,097
	2013	17,451	3,167	6,862	13,756	3,598	2,823	10,933
Bulgaria	2010	46,653	1,167	9,613	38,207	5,158	11,020	27,103
	2011	50,797	1,449	12,110	40,136	5,457	11,690	28,421
	2012	47,329	2,353	10,661	39,021	5,343	11,140	27,845
	2013	43,784	3,351	9,532	37,603	5,185	10,070	27,532
Croatia	2010	14,105	12,415	7,650	18,870	4,372	3,008	15,862
	2011	10,831	13,985	6,288	18,528	4,307	2,793	15,735
	2012	10,557	13,174	5,545	18,186	4,242	2,836	15,350
	2013	13,431	11,260	6,770	17,921	4,195	2,849	15,072
Czech Republic	2010	85,910	6,642	21,590	70,962	6,754	13,750	57,204
	2011	87,561	10,457	27,501	70,517	6,694	13,757	56,751
	2012	87,573	11,587	28,707	70,453	6,681	13,791	56,654
	2013	87,065	10,571	27,458	70,178	6,655	13,479	56,691
Denmark	2010	38,862	10,599	11,734	37,727	6,796	5,573	32,369
	2011	35,229	11,694	10,374	36,549	6,554	4,810	31,928
	2012	30,725	15,920	10,706	35,939	6,417	4,604	31,404
	2013	34,749	11,459	10,377	35,831	6,371	4,442	31,481
Estonia	2010	12,964	1,100	4,354	9,710	7,289	2,802	6,908
	2011	12,893	1,690	5,252	9,331	7,026	2,704	6,627
	2012	11,967	2,710	4,950	9,727	7,346	2,749	6,978
	2013	13,275	2,712	6,300	9,687	7,338	2,867	6,820
Faeroe Islands	2010	280	..	..	280	5,773	*25	255
	2011	274	..	..	274	5,647	*19	255
	2012	292	..	..	292	6,025	*30	261
	2013	293	..	..	293	6,058	*18	275
Finland	2010	80,667	15,719	5,218	91,168	16,985	7,520	83,479
	2011	73,481	17,656	3,804	87,333	16,185	7,091	80,078
	2012	70,399	19,089	1,645	87,843	16,193	6,936	80,692
	2013	71,251	17,591	1,876	86,966	15,948	6,856	79,918
France	2010	569,246	19,475	50,188	538,533	8,548	94,671	444,089
	2011	561,494	9,501	65,914	505,081	7,978	89,743	417,566
	2012	565,768	12,213	56,734	521,247	8,196	89,059	434,093
	2013	572,517	11,687	60,148	524,056	8,203	84,869	440,710

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
Germany	2010	632,983	42,962	57,917	618,028	7,684	85,604	532,424
	2011	613,068	51,003	54,768	609,303	7,576	83,757	525,546
	2012	629,812	46,268	66,810	609,270	7,571	83,437	525,834
	2013	633,158	39,222	71,415	600,965	7,459	82,876	518,089
Gibraltar	2010	177	..	..	177	5,759	9	173
	2011	171	..	..	171	5,504	8	167
	2012	176	..	..	176	5,605	9	183
	2013	189	..	..	189	5,958	10	188
Greece	2010	57,392	8,517	2,811	63,098	5,645	9,978	53,120
	2011	59,436	7,180	3,948	62,668	5,619	10,874	51,794
	2012	60,959	5,954	4,169	62,744	5,648	10,727	52,017
	2013	57,152	5,788	3,901	59,039	5,340	10,248	48,791
Guernsey	2010	152	239	..	392	6,269	*29	362
	2011	85	309	..	393	6,261	*18	375
	2012	68	313	..	381	6,031	*18	*363
	2013	289	111	..	400	6,304	*22	*378
Hungary	2010	37,371	9,897	4,702	42,566	4,250	8,359	34,207
	2011	36,019	14,664	8,021	42,662	4,271	8,088	34,540
	2012	34,626	16,970	9,003	42,593	4,277	7,403	32,812
	2013	30,273	16,635	4,758	42,150	4,247	7,314	34,856
Iceland	2010	17,059	..	..	17,059	53,638	1,166	15,707
	2011	17,211	..	..	17,211	53,612	1,005	16,010
	2012	17,549	..	..	17,549	54,263	981	16,374
	2013	18,116	..	..	18,116	55,674	882	16,821
Ireland	2010	28,602	760	290	29,072	6,296	3,782	25,420
	2011	27,472	732	242	27,962	6,010	3,376	24,871
	2012	27,596	784	370	28,010	6,001	3,713	24,163
	2013	26,122	2,508	388	28,242	6,046	3,837	24,201
Isle of Man	2010	498	45	108	435	5,156	48	387
	2011	499	41	115	424	4,989	47	377
	2012	296	180	48	428	4,987	47	381
	2013	*504	*50	77	*477	*5,517	*104	373
Italy	2010	302,063	45,987	1,827	346,223	5,807	46,909	299,313
	2011	302,582	47,519	1,787	348,314	5,833	46,491	301,828
	2012	299,277	45,407	2,304	342,380	5,728	45,644	296,742
	2013	289,807	44,338	2,200	331,945	5,551	44,547	287,398
Jersey	2010	56	669	..	725	7,467	77	649
	2011	46	700	..	746	7,638	67	677
	2012	*47	*714	..	*761	*7,748	*67	*692
	2013	*47	*729	..	*776	*7,861	*67	*707
Latvia	2010	6,627	3,973	3,100	7,500	3,588	1,283	6,215
	2011	6,095	4,009	2,764	7,340	3,557	1,147	6,191
	2012	6,168	4,935	3,244	7,859	3,858	1,008	6,848
	2013	6,209	5,005	3,650	7,564	3,760	984	6,576
Liechtenstein	2010	79	318	..	397	10,933	0	*397
	2011	72	326	..	398	10,901	0	*398
	2012	86	318	..	404	10,981	0	*404
	2013	85	319	..	404	10,904	0	404
Lithuania	2010	5,749	8,174	2,184	11,739	3,759	3,403	8,332
	2011	4,822	8,086	1,347	11,561	3,765	2,977	8,580
	2012	5,043	8,060	1,441	11,662	3,866	2,738	8,921
	2013	4,762	8,073	1,127	11,708	3,950	2,750	8,955

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
Luxembourg	2010	4,590	7,280	3,216	8,654	17,039	2,066	6,605
	2011	3,718	7,096	2,614	8,200	15,770	1,674	6,529
	2012	3,818	6,732	2,622	7,928	14,889	1,670	6,269
	2013	2,888	6,852	1,907	7,833	14,376	1,618	6,230
Malta	2010	2,115	..	..	2,115	5,133	315	1,800
	2011	2,194	..	..	2,194	5,299	345	1,849
	2012	2,307	..	..	2,307	5,551	386	1,921
	2013	2,254	..	..	2,254	5,409	363	1,891
Montenegro	2010	4,022	732	483	4,271	6,867	813	3,211
	2011	2,656	1,383	431	3,608	5,792	804	3,414
	2012	2,844	964	228	3,580	5,738	836	3,220
	2013	3,809	388	647	3,550	5,683	758	2,706
Netherlands	2010	118,140	15,583	12,807	120,916	7,270	14,051	106,865
	2011	112,968	20,620	11,531	122,057	7,313	14,589	107,468
	2012	102,505	32,156	15,046	119,615	7,141	13,139	106,476
	2013	100,875	33,252	15,016	119,111	7,086	12,939	106,172
Norway	2010	123,640	14,673	7,124	131,189	26,821	16,892	113,451
	2011	127,632	11,255	14,329	124,558	25,143	16,505	107,389
	2012	147,716	4,190	22,006	129,900	25,885	18,270	110,694
	2013	134,240	10,136	15,169	129,207	25,417	18,937	109,270
Poland	2010	157,657	6,310	7,664	156,303	4,052	37,240	119,063
	2011	163,548	6,780	12,022	158,306	4,102	36,331	121,975
	2012	162,139	9,803	12,643	159,299	4,126	36,625	122,674
	2013	164,557	7,801	12,322	160,036	4,144	35,977	124,059
Portugal	2010	54,090	5,814	3,191	56,713	5,358	6,825	49,888
	2011	52,463	6,742	3,929	55,276	5,235	6,912	48,364
	2012	46,614	10,766	2,871	54,509	5,184	8,268	46,241
	2013	51,672	8,100	5,324	54,448	5,205	9,191	45,257
Republic of Moldova	2010	1,064	3,033	..	4,097	1,003	809	3,288
	2011	1,016	3,145	..	4,161	1,020	780	3,380
	2012	932	3,279	..	4,211	1,033	741	3,470
	2013	905	3,332	..	4,237	1,040	591	3,646
Romania	2010	60,979	767	3,041	58,705	2,892	17,237	41,317
	2011	62,217	3,410	5,316	60,311	2,999	17,687	42,714
	2012	59,045	3,903	3,650	59,298	2,973	17,240	42,386
	2013	58,887	2,737	4,753	56,871	2,873	16,554	40,628
Russian Federation	2010	1,038,030	1,644	19,091	1,020,583	7,129	300,141	726,683
	2011	1,054,765	1,558	24,111	1,032,212	7,208	303,388	728,824
	2012	1,070,734	2,661	19,143	1,054,252	7,358	312,553	740,285
	2013	1,059,092	4,706	18,382	1,045,416	7,292	301,325	744,091
Serbia	2010	38,103	5,620	5,917	37,806	4,173	10,237	27,569
	2011	38,600	6,701	6,979	38,322	4,247	10,331	27,991
	2012	36,799	5,781	5,392	37,188	4,140	10,021	27,167
	2013	39,877	4,077	6,614	37,340	4,178	10,437	26,903
Slovakia	2010	27,858	7,334	6,293	28,899	5,345	4,761	24,135
	2011	28,656	11,227	10,500	29,383	5,430	4,568	24,812
	2012	28,664	13,472	13,079	29,057	5,366	5,101	23,937
	2013	28,832	10,719	10,628	28,923	5,337	3,827	25,084
Slovenia	2010	16,433	8,625	10,717	14,341	6,987	2,375	11,966
	2011	16,057	7,036	8,298	14,795	7,185	2,188	12,607
	2012	15,729	7,452	8,363	14,818	7,183	2,269	12,549
	2013	16,087	7,521	8,684	14,924	7,228	2,334	12,590

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
Spain	2010	301,527	5,206	13,539	293,194	6,292	47,801	244,802
	2011	293,848	7,932	14,023	287,757	6,161	45,138	243,509
	2012	297,559	7,787	18,986	286,360	6,140	46,940	240,248
	2013	283,566	9,887	16,638	276,815	5,959	45,144	232,009
Sweden	2010	148,563	14,931	12,853	150,641	16,056	17,820	131,217
	2011	150,376	12,481	19,714	143,143	15,128	17,183	124,628
	2012	166,562	11,682	31,255	146,989	15,402	17,910	127,286
	2013	153,166	12,674	22,676	143,164	14,875	16,689	125,016
Switzerland	2010	67,815	33,401	32,881	68,335	8,686	8,550	59,772
	2011	64,629	34,824	32,237	67,216	8,442	8,617	58,586
	2012	69,893	31,549	33,749	67,693	8,399	8,721	58,959
	2013	70,312	29,874	32,270	67,916	8,327	8,593	59,313
T.F.Yug.Rep. Macedonia	2010	7,260	1,420	0	8,680	4,209	1,896	6,784
	2011	6,759	2,749	73	9,435	4,567	2,057	7,378
	2012	6,262	2,741	72	8,931	4,316	1,926	7,005
	2013	6,094	2,491	62	8,522	4,112	1,722	6,801
Ukraine	2010	188,584	23	4,078	184,529	4,042	50,504	134,025
	2011	194,947	35	6,327	188,655	4,148	48,857	139,800
	2012	198,878	93	11,560	187,411	4,135	49,051	137,668
	2013	194,377	39	9,929	184,487	4,085	46,956	137,531
United Kingdom	2010	381,710	7,144	4,481	384,373	6,129	55,840	328,829
	2011	367,252	8,689	2,467	373,474	5,913	55,840	317,887
	2012	363,410	13,743	1,872	375,281	5,903	57,817	317,832
	2013	359,154	17,533	3,102	373,585	5,841	56,282	317,301
Oceania	2010	307,538	..	..	307,538	8,447	49,109	257,889
	2011	308,233	..	..	308,233	8,328	47,622	259,719
	2012	304,704	..	..	304,704	8,103	45,607	258,485
	2013	303,601	..	..	303,601	7,951	49,169	254,283
American Samoa	2010	159	..	..	159	2,860	17	142
	2011	155	..	..	155	2,802	19	136
	2012	157	..	..	157	2,836	22	134
	2013	*156	..	..	*156	*2,829	21	136
Australia	2010	252,297	..	..	252,297	11,384	43,056	209,241
	2011	253,300	..	..	253,300	11,237	41,688	211,612
	2012	250,008	..	..	250,008	10,912	39,610	210,397
	2013	249,060	..	..	249,060	10,703	43,051	206,024
Cook Islands	2010	34	..	..	34	1,661	0	34
	2011	34	..	..	34	1,646	0	34
	2012	33	..	..	33	1,603	0	33
	2013	33	..	..	33	1,576	0	33
Fiji	2010	835	..	..	835	971	*84	844
	2011	801	..	..	801	924	*51	750
	2012	803	..	..	803	919	*72	732
	2013	858	..	..	858	974	*77	780
French Polynesia	2010	*817	..	..	*817	*3,049	*81	*694
	2011	*761	..	..	*761	*2,809	*75	*685
	2012	*765	..	..	*765	*2,795	*76	*689
	2013	*741	..	..	*741	*2,677	*77	*664
Guam	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
	2013	1,736	..	..	1,736	10,516	187	1,550

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
Kiribati	2010	*24	..	..	*24	*235	*1	*23
	2011	*24	..	..	*24	*230	*1	*23
	2012	*24	..	..	*24	*226	*1	*23
	2013	*24	..	..	*24	*222	*1	*23
Marshall Islands	2010	*114	..	..	*114	*2,169	0	*114
	2011	*114	..	..	*114	*2,164	0	*114
	2012	*114	..	..	*114	*2,159	0	*114
	2013	*114	..	..	*114	*2,154	0	*114
Micronesia(Fed. States of)	2010	70	..	..	70	678	14	*56
	2011	66	..	..	66	637	13	*53
	2012	*67	..	..	*67	*650	*13	*54
	2013	*68	..	..	*68	*656	*13	*55
Nauru	2010	23	..	..	23	2,244	*2	*20
	2011	23	..	..	23	2,290	*2	21
	2012	24	..	..	24	2,342	*2	*21
	2013	*24	..	..	*24	*2,390	*2	*22
New Caledonia	2010	2,131	..	..	2,131	8,651	83	2,049
	2011	2,267	..	..	2,267	9,076	115	2,152
	2012	2,288	..	..	2,288	9,038	72	2,216
	2013	2,506	..	..	2,506	9,770	108	2,398
New Zealand	2010	44,876	..	..	44,876	10,271	5,068	39,153
	2011	44,465	..	..	44,465	10,095	4,959	38,601
	2012	44,255	..	..	44,255	9,977	5,046	38,521
	2013	43,256	..	..	43,256	9,687	5,156	37,889
Niue	2010	*3	..	..	*3	*1,851	0	*3
	2011	*3	..	..	*3	*1,856	0	*3
	2012	*3	..	..	*3	*1,860	0	*3
	2013	*3	..	..	*3	*1,863	0	*3
Northern Mariana Islands	2010	*400	..	..	*400	*7,427	*90	*310
	2011	*400	..	..	*400	*7,514	*90	*310
	2012	*400	..	..	*400	*7,503	*90	*310
	2013	*400	..	..	*400	*7,425	*90	*310
Palau	2010	*98	..	..	*98	*4,807	*25	73
	2011	*96	..	..	*96	*4,635	*25	71
	2012	*96	..	..	*96	*4,601	*25	*71
	2013	*96	..	..	*96	*4,565	*25	*71
Papua New Guinea	2010	3,425	..	..	3,425	500	296	3,224
	2011	3,525	..	..	3,525	504	298	3,259
	2012	*3,525	..	..	*3,525	*493	*298	3,329
	2013	*4,176	..	..	*4,176	*571	*316	3,926
Samoa	2010	116	..	..	116	625	*16	91
	2011	114	..	..	114	608	*16	89
	2012	117	..	..	117	620	*16	*93
	2013	*118	..	..	*118	*620	*16	*98
Solomon Islands	2010	87	..	..	87	166	*12	56
	2011	83	..	..	83	154	*12	61
	2012	83	..	..	83	152	*12	55
	2013	89	..	..	89	159	*12	62
Tonga	2010	52	..	..	52	499	9	43
	2011	53	..	..	53	509	9	45
	2012	52	..	..	52	500	8	45
	2013	53	..	..	53	507	9	44

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
Tuvalu	2010	*5	..	..	*5	*468	0	*5
	2011	*5	..	..	*5	*472	0	*5
	2012	*5	..	..	*5	*477	0	*5
	2013	*5	..	..	*5	*476	0	*5
Vanuatu	2010	69	..	..	69	292	6	61
	2011	*68	..	..	*68	*280	5	63
	2012	67	..	..	67	272	5	61
	2013	*68	..	..	*68	*267	5	62
Wallis and Futuna Is.	2010	20	..	..	20	1,461	3	*16
	2011	20	..	..	20	1,469	4	*16
	2012	19	..	..	19	1,422	3	*16
	2013	19	..	..	19	1,420	3	*15