

Statistics on electricity

Madagascar

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1360	1438	1520	1593	1658	1712
Combustible fuels	649	747	765	784	774	777
Hydro	711	690	755	809	884	935
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	1190	1268	1350	1423	1488	1542
Combustible fuels	479	577	595	614	604	607
Hydro	711	690	755	809	884	935
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Own use in electricity, CHP and heat plants	19	21	23	*24	*25	*25
Net production	1340	1417	1497	1569	1633	1687
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*40	*41	*41	*41	*42	*45
Consumption	1014	1053	1100	1124	1170	1195
Energy industries own use	..	..	..	..	..	..
By industry and construction	*489	*501	*516	*511	*537	*544
By transport	..	..	..	..	..	..
By households and other cons.	525	552	584	613	633	651
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	507	*507	*507	*507	*507	*507
Combustible fuels	379	*379	*379	*379	*379	*379
Hydro	128	*128	*128	*128	*128	*128
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	475	*475	*475	*475	*475	*475
Combustible fuels	347	*347	*347	*347	*347	*347
Hydro	128	*128	*128	*128	*128	*128
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*5061	*5061	*5061	*5160	*5676	*7237
Fuel oil	*2022	*2424	*2424	*2505	*2141	*606
Total input	*7082	*7485	*7485	*7665	*7817	*7843
Total production	2336	2690	2753	2824	2786	2799
Estimated efficiency (% of production to input)	33	36	37	37	36	36

Statistics on electricity

Malawi

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2024	1979	2092	2019	2082	*2103
Combustible fuels	*181	*181	*181	*181	*181	*183
Hydro	1843	1798	1911	1838	1901	*1920
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1844	1798	1911	1838	1901	*1920
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	1839	1793	1906	1833	1896	*1915
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*97	*95	*100	*97	*100	*101
Net production	1927	1884	1992	1923	1983	*2002
Imports	..	..	..	..	..	..
Exports	21	20	18	*18	*18	*18
Losses	*191	*186	433	409	443	*443
Consumption	1716	1678	1541	*1496	*1522	*1541
Energy industries own use	..	..	..	..	..	..
By industry and construction	556	617	503	*550	*570	*578
By transport	..	..	..	..	..	..
By households and other cons.	1160	1062	1038	*946	*952	*963
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	502	502	502	502	501	503
Combustible fuels	*211	*211	*211	*211	*211	*212
Hydro	291	291	291	291	290	291
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	287	287	287	287	287	288
Combustible fuels	1	*1	*1	*1	*1	2
Hydro	286	286	286	286	286	286
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*2012	*2012	*1929	*2002	*1886	*1829
Total input	*2012	*2012	*1929	*2002	*1886	*1829
Total production	*652	*652	*652	*652	*652	*658
Estimated efficiency (% of production to input)	32	32	34	33	35	36

Statistics on electricity

Malaysia

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	116808	124894	134421	138331	147461	150123
Combustible fuels	110556	117269	125319	127604	133846	135175
Hydro	6251	7624	9054	10586	13388	13924
Nuclear	..	..	..	..	..	..
Other	1	1	48	141	227	1024
Main activity	114920	119761	128267	133311	142788	145137
Combustible fuels	108668	112136	119165	122584	129173	130610
Hydro	6251	7624	9054	10586	13388	13924
Nuclear	..	..	..	..	..	..
Other	1	1	48	141	227	603
Own use in electricity, CHP and heat plants	1892	12779	11543	11366	15585	12535
Net production	114916	112115	122878	126965	131876	137588
Imports	0	370	100	221	23	13
Exports	148	10	15	23	12	3
Losses	8200	*5133	*6610	*4087	*3554	*5399
Consumption	*110853	107341	116353	123076	128333	132199
Energy industries own use	..	..	..	..	..	..
By industry and construction	52715	47017	52414	55886	58948	60641
By transport	*209	214	241	241	256	266
By households and other cons.	*57929	60110	63698	66949	69129	71292
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*25399	28750	29198	31817	29974	30440
Combustible fuels	*23278	25734	25826	27725	25040	23519
Hydro	*2120	3015	3317	3931	4773	5716
Nuclear	..	..	..	..	..	..
Other	*1	*1	*55	*161	161	1205
Main activity	*23994	25752	26024	28780	27623	27368
Combustible fuels	*21873	22736	22652	24688	22695	21309
Hydro	*2120	3015	3317	3931	4768	5714
Nuclear	..	..	..	..	..	..
Other	*1	*1	*55	*161	160	345
Combustible fuel input	Terajoules					
Hard Coal	542238	544825	591912	566336	571404	654254
Gas-diesel oil	26101	49966	35346	27348	27391	13975
Fuel oil	*5090	44925	22382	15958	10948	4121
Natural gas	754903	531627	555449	695828	650110	711320
Vegetal waste	*14400	*15048	*11405	*15955	9346	9878
Total input	1342733	1186391	1216493	1321425	1269199	1393548
Total production	398003	422168	451148	459374	481846	486630
Estimated efficiency (% of production to input)	30	36	37	35	38	35

Statistics on electricity

Maldives

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	257	275	299	304	329	391
Combustible fuels	256	274	297	303	327	386
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	2	1	2	5
Main activity	257	275	299	304	329	391
Combustible fuels	256	274	297	303	327	386
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	2	1	2	5
Own use in electricity, CHP and heat plants	10	10	12	14	18	24
Net production	247	265	287	290	311	367
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*15	*15	*16	*16	*16	*18
Consumption	*232	*250	*271	*273	*295	*349
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*232	*250	*271	*273	*295	*349
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	79	80	83	83	271	271
Combustible fuels	77	78	81	81	266	266
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	5	5
Main activity	79	80	83	83	271	271
Combustible fuels	77	78	81	81	266	266
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	5	5
Combustible fuel input	Terajoules					
Gas-diesel oil	2765	*2993	*3216	*3225	*3698	*4085
Total input	2765	*2993	*3216	*3225	*3698	*4085
Total production	921	985	1070	1090	1177	1391
Estimated efficiency (% of production to input)	33	33	33	34	32	34

Statistics on electricity

Mali

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1292	1381	1363	1510	*1679	*1712
Combustible fuels	597	654	579	532	*959	*967
Hydro	695	727	783	978	*720	*745
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1240	1329	1311	1458	*1627	*1652
Combustible fuels	545	602	527	480	*907	*907
Hydro	695	727	783	978	*720	*745
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	*11
Net production	1292	1381	1363	1510	*1679	*1701
Imports	..	..	..	..	..	..
Exports	368	*368	*368	*300	*300	*300
Losses	*132	*133	*135	131	*140	*278
Consumption	1191	*1201	*1215	1281	*1340	*1345
Energy industries own use	..	..	..	..	..	..
By industry and construction	639	*640	*640	641	*670	670
By transport	..	..	..	..	..	..
By households and other cons.	*552	*561	*575	640	*670	*675
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	579	655	689	811	*890	*890
Combustible fuels	225	291	323	363	*400	*400
Hydro	354	365	367	448	*490	*490
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	482	558	592	714	*780	*780
Combustible fuels	128	194	226	266	*290	*290
Hydro	354	365	367	448	*490	*490
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*6063	*7095	*6278	*6536	*11954	*12470
Fuel oil	*808	*808	*808	*808	*808	*848
Total input	*6871	*7903	*7086	*7344	*12762	*13318
Total production	2149	2356	2085	1914	*3454	*3481
Estimated efficiency (% of production to input)	31	30	29	26	27	26

Statistics on electricity

Malta

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2116	2187	2307	2251	2245	1303
Combustible fuels	2115	2174	2277	2222	2177	1210
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	13	30	29	68	93
Main activity	2113	2177	2281	2216	2170	1203
Combustible fuels	2113	2169	2268	2216	2170	1203
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	8	13	0	..	..
Own use in electricity, CHP and heat plants	123	134	135	114	108	64
Net production	1993	2053	2172	2137	2137	1239
Imports	..	..	..	..	..	1054
Exports	..	..	..	..	..	..
Losses	138	153	193	157	105	179
Consumption	1855	1900	1979	1980	2032	2114
Energy industries own use	..	..	..	..	..	..
By industry and construction	407	415	417	410	413	415
By transport	..	..	..	..	..	..
By households and other cons.	1448	1485	1562	1570	1619	1699
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	575	581	644	671	698	687
Combustible fuels	573	574	623	623	623	593
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	7	21	48	75	94
Main activity	572	576	636	648	675	664
Combustible fuels	571	571	620	620	620	590
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	5	16	28	55	74
Combustible fuel input	Terajoules					
Biogas	..	32	57	34	36	45
Gas-diesel oil	3569	3139	3139	2494	2322	860
Fuel oil	20846	21856	23311	18988	18665	10262
Total input	24415	25027	26507	21516	21023	11167
Total production	7614	7826	8197	7999	7837	4356
Estimated efficiency (% of production to input)	31	31	31	37	37	39

Statistics on electricity

Marshall Islands

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*92	*79	78	84	*85	*86
Combustible fuels	*92	*79	78	83	*85	*86
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	0
Main activity	*92	*79	78	84	*85	*86
Combustible fuels	*92	*79	78	83	*85	*86
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	0
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*92	*79	78	84	*85	*86
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*11	*10	10	*11	*11	*11
Consumption	*81	*69	*68	*73	*74	*75
Energy industries own use	..	..	..	..	..	..
By industry and construction	*4	*4	*4	*3	*3	*3
By transport	..	..	..	..	..	..
By households and other cons.	*77	*65	*64	*70	*71	*72
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	29	29	33	33	34	36
Combustible fuels	29	29	33	33	33	36
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	0
Main activity	29	29	33	33	34	36
Combustible fuels	29	29	33	33	33	36
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*847	*727	714	787	*796	*817
Total input	*847	*727	714	787	*796	*817
Total production	*331	*284	279	300	*306	*308
Estimated efficiency (% of production to input)	39	39	39	38	38	38

Statistics on electricity

Martinique

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*1808	*1764	*1780	*1764	*1764	*1778
Combustible fuels	*1764	*1720	*1736	*1719	*1719	*1730
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*45	*45	*45	*46	*46	*48
Main activity	*1778	*1734	*1750	*1734	*1734	*1748
Combustible fuels	*1734	*1690	*1706	*1689	*1689	*1700
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*45	*45	*45	*46	*46	*48
Own use in electricity, CHP and heat plants	*191	*188	*189	*187	*202	*208
Net production	*1617	*1576	*1591	*1577	*1562	*1570
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*8	*8	*8	*8	*8	*8
Consumption	*1582	*1547	*1558	*1544	*1544	1441
Energy industries own use	..	..	..	..	..	..
By industry and construction	*30	*30	*30	*30	*30	*30
By transport	..	..	..	..	..	..
By households and other cons.	*1552	*1517	*1528	*1514	*1514	1411
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*415	*415	*461	*463	492	498
Combustible fuels	*400	*400	*400	*400	428	432
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*15	*15	61	63	64	66
Main activity	*411	*411	*457	*459	488	494
Combustible fuels	*396	*396	*396	*396	424	428
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*15	*15	61	63	64	66
Combustible fuel input	Terajoules					
Gas-diesel oil	*1075	*1075	*1032	*1032	*1118	*1118
Fuel oil	*12928	*13705	*13946	*14005	*14579	*14466
Municipal waste	*432	*432	*432	*432	*432	*432
Total input	*14435	*15212	*15410	*15469	*16129	*16016
Total production	*6350	*6191	*6249	*6188	*6188	*6228
Estimated efficiency (% of production to input)	44	41	41	40	38	39

Statistics on electricity

Mauritania

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	727	744	824	812	851	1002
Combustible fuels	727	744	824	773	808	868
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	39	43	134
Main activity	426	436	501	492	525	662
Combustible fuels	426	436	501	453	482	528
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	39	43	134
Own use in electricity, CHP and heat plants	11	14	18	24	25	25
Net production	716	731	806	788	826	977
Imports	115	127	138	174	183	183
Exports	..	..	..	..	..	..
Losses	148	139	141	164	*172	*190
Consumption	669	698	771	792	844	932
Energy industries own use	..	..	..	..	..	..
By industry and construction	301	309	323	298	326	360
By transport	..	..	..	..	..	..
By households and other cons.	368	390	447	494	519	572
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	196	*196	*196	231	240	444
Combustible fuels	196	*196	*196	209	218	392
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	22	22	52
Main activity	126	*126	*126	161	161	364
Combustible fuels	126	*126	*126	139	139	312
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	22	22	52
Combustible fuel input	Terajoules					
Gas-diesel oil	4605	*4902	*5190	*4532	5173	*5616
Fuel oil	2727	*2828	*3232	*3030	*3717	*3313
Total input	7332	*7730	*8422	*7562	8890	*8929
Total production	2618	2679	2967	2783	2907	3125
Estimated efficiency (% of production to input)	36	35	35	37	33	35

Statistics on electricity

Mauritius

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2689	2739	2798	2882	2936	2996
Combustible fuels	2585	2679	2719	2781	2817	2845
Hydro	101	57	74	95	91	122
Nuclear	..	..	..	..	..	..
Other	3	3	5	6	28	29
Main activity	1099	1130	1146	1176	1175	1258
Combustible fuels	995	1070	1068	1078	1081	1133
Hydro	101	57	74	95	91	122
Nuclear	..	..	..	..	..	..
Other	3	3	4	4	3	3
Own use in electricity, CHP and heat plants	40	44	43	39	42	44
Net production	2649	2695	2754	2843	2894	2952
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	194	194	191	184	182	178
Consumption	2456	2491	2561	2657	2708	2770
Energy industries own use	281	264	267	273	256	264
By industry and construction	*686	*682	*687	*714	*715	726
By transport	..	..	..	..	..	..
By households and other cons.	1489	1546	1607	1670	1737	1780
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	741	738	781	778	783	792
Combustible fuels	680	677	718	714	703	711
Hydro	60	60	60	61	61	61
Nuclear	..	..	..	..	..	..
Other	*1	1	3	4	19	20
Main activity	444	450	506	501	490	489
Combustible fuels	383	389	445	439	428	427
Hydro	60	60	60	61	61	61
Nuclear	..	..	..	..	..	..
Other	*1	1	1	1	1	1
Combustible fuel input	Terajoules					
Hard Coal	16692	16017	16848	17731	18344	17647
Biogas	..	37	*65	*68	*70	73
Gas-diesel oil	86	86	86	43	43	43
Fuel oil	7959	8686	8605	8726	8928	9292
Other kerosene	263	175	131	44	44	44
Bagasse	8803	8641	8324	8155	7954	9575
Total input	33803	33643	34060	34766	35383	36675
Total production	9307	9645	9788	10012	10142	10242
Estimated efficiency (% of production to input)	28	29	29	29	29	28

Statistics on electricity

Mayotte

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	258	262	271	285	299	316
Combustible fuels	251	248	256	268	283	299
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	14	15	17	17	17
Main activity	258	262	271	285	299	316
Combustible fuels	251	248	256	268	283	299
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	14	15	17	17	17
Own use in electricity, CHP and heat plants	12	12	14	15	16	33
Net production	246	250	257	270	283	283
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*10	*10	11	10	10	*10
Consumption	236	240	246	261	274	*273
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	236	240	246	261	274	*273
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	86	90	91	91	*91	*93
Combustible fuels	78	78	78	78	*78	*80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	12	*13	13	13	13
Main activity	86	90	91	91	*91	*93
Combustible fuels	78	78	78	78	*78	*80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	12	*13	13	13	13
Combustible fuel input	Terajoules					
Gas-diesel oil	2292	2232	*2322	*2438	*2559	*2683
Total input	2292	2232	*2322	*2438	*2559	*2683
Total production	905	893	920	966	1018	1077
Estimated efficiency (% of production to input)	39	40	40	40	40	40

Statistics on electricity

Mexico

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	275537	302751	307228	297326	301496	311138
Combustible fuels	224639	248219	257001	247163	240279	253424
Hydro	37131	36247	31883	28002	38893	30815
Nuclear	5879	10089	8770	11800	9677	11577
Other	7888	8196	9574	10361	12647	15322
Main activity	242536	266359	262241	258821	258258	262704
Combustible fuels	193135	213610	214591	211680	202346	212385
Hydro	36738	35796	31317	27444	38145	30051
Nuclear	5879	10089	8770	11800	9677	11577
Other	6784	6864	7563	7897	8090	8691
Own use in electricity, CHP and heat plants	11201	22656	22823	10236	11446	13466
Net production	264336	280095	284405	287090	290050	297672
Imports	397	596	2177	1210	2124	1650
Exports	1348	1293	1116	1240	2653	2320
Losses	44252	45602	44050	42520	41322	40640
Consumption	221091	238955	253065	246503	256779	261850
Energy industries own use	5397	5138	5355	5033	4559	4400
By industry and construction	122713	134551	146746	137391	142326	139990
By transport	1191	1122	1130	1130	1130	1134
By households and other cons.	91790	98144	99834	102949	108764	116326
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	61389	62049	64084	64107	66255	67504
Combustible fuels	46914	47586	48364	48047	48893	49421
Hydro	11597	11571	11626	11633	12464	12223
Nuclear	1365	1365	1400	1400	1400	1510
Other	1513	1527	2694	3027	3498	4350
Main activity	52591	52465	52336	53497	54379	54832
Combustible fuels	38673	38673	38015	39161	39294	39735
Hydro	11503	11453	11498	11509	12269	12028
Nuclear	1365	1365	1400	1400	1400	1510
Other	1050	974	1423	1427	1416	1559
Combustible fuel input	Terajoules					
Hard Coal	127036	161571	139230	125044	150551	146312
Brown Coal	195484	188607	205642	197886	200358	206785
Biogas	1298	1471	1822	1970	1939	1961
Gas-diesel oil	18920	20640	25456	35475	21371	21586
Fuel oil	387800	436199	454581	432522	300010	254762
Liquefied petroleum gas	662	3122	1372	568	5061	5014
Petroleum coke	39163	37928	39293	40073	39910	39163
Natural gas	1363614	1453310	1523582	1423071	1484833	1609427
Blast furnace gas	6712	5071	3497	4199	4620	5592
Bagasse	41035	31790	41468	53758	71125	68415
Others	1377	1605	9427	2454	1347	845
Total input	2183100	2341313	2445369	2317019	2281126	2359862
Total production	808700	893588	925204	889787	865004	912326
Estimated efficiency (% of production to input)	37	38	38	38	38	39

Statistics on electricity

Micronesia (Fed. States of)

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	69	65	*66	*67	69	*69
Combustible fuels	68	64	*65	*66	68	*68
Hydro	..	..	..	..	0	0
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	*1
Main activity	69	65	*66	*67	69	*69
Combustible fuels	68	64	*65	*66	68	*68
Hydro	..	..	..	..	0	0
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	*1
Own use in electricity, CHP and heat plants	3	3	*3	*3	3	*3
Net production	66	62	*63	*65	66	*66
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	14	13	*13	*13	*15	*15
Consumption	*52	*49	*50	*52	*51	*52
Energy industries own use	..	..	..	..	..	..
By industry and construction	*4	*4	*4	*4	*4	*4
By transport	..	..	..	..	..	..
By households and other cons.	*48	*45	*46	*48	*47	*48
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	32	32	32	32	34	*34
Combustible fuels	32	32	32	32	32	*32
Hydro	..	..	..	..	2	2
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Main activity	32	32	32	32	34	*34
Combustible fuels	32	32	32	32	32	*32
Hydro	..	..	..	..	2	2
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	731	673	*688	*688	*688	*688
Total input	731	673	*688	*688	*688	*688
Total production	246	230	*235	*238	243	*243
Estimated efficiency (% of production to input)	34	34	34	35	35	35

Statistics on electricity

Mongolia

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4313	4536	4816	5020	5376	5513
Combustible fuels	4313	4536	4816	5020	5376	5513
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4313	4536	4816	5020	5376	5513
Combustible fuels	4313	4536	4816	5020	5376	5513
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	672	691	712	725	772	778
Net production	3641	3846	4103	4294	4603	4735
Imports	263	276	366	1196	1349	1417
Exports	22	24	21	18	33	51
Losses	505	644	675	740	793	783
Consumption	3376	3453	3773	4732	5159	5284
Energy industries own use	..	..	..	..	..	..
By industry and construction	2094	2141	2339	2931	3172	3261
By transport	140	144	157	197	211	217
By households and other cons.	1142	1169	1277	1605	1776	1806
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*948	*1226	*1226	1278	*1341	*1341
Combustible fuels	*922	*1200	*1200	1200	*1262	*1262
Hydro	26	26	26	26	26	26
Nuclear	..	..	..	..	..	..
Other	..	..	..	52	53	53
Main activity	*772	*1050	*1050	1102	*1135	*1135
Combustible fuels	*772	*1050	*1050	1050	*1082	*1082
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	52	53	53
Combustible fuel input	Terajoules					
Hard Coal	14362	26579	30620	35173	38740	40417
Brown Coal	72425	64469	68053	74013	76185	75744
Gas-diesel oil	2408	3096	2881	3741	3311	3182
Fuel oil	202	283	283	162	125	129
Total input	89398	94427	101836	113088	118361	119472
Total production	15526	16331	17336	18070	19353	19848
Estimated efficiency (% of production to input)	17	17	17	16	16	17

Statistics on electricity

Montenegro

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4168	2656	2844	3945	3173	3003
Combustible fuels	1413	1452	1367	1441	1421	1512
Hydro	2755	1204	1477	2504	1752	1491
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4168	2656	2844	3945	3173	3003
Combustible fuels	1413	1452	1367	1441	1421	1512
Hydro	2755	1204	1477	2504	1752	1491
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	146	153	141	136	135	131
Net production	4022	2503	2703	3809	3038	2872
Imports	732	1993	1440	388	903	1040
Exports	483	431	228	733	642	517
Losses	667	651	695	758	689	586
Consumption	3211	3414	3220	2706	2610	2679
Energy industries own use	..	..	..	..	..	..
By industry and construction	1853	2162	1855	1326	760	767
By transport	22	20	24	34	32	32
By households and other cons.	1336	1232	1341	1346	1818	1880
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	868	877	877	870	870	870
Combustible fuels	210	219	219	219	219	219
Hydro	658	658	658	651	651	651
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	868	877	877	870	870	870
Combustible fuels	210	219	219	219	219	219
Hydro	658	658	658	651	651	651
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Brown Coal	17039	17499	15611	15178	14708	15362
Total input	17039	17499	15611	15178	14708	15362
Total production	5087	5227	4921	5188	5116	5443
Estimated efficiency (% of production to input)	30	30	32	34	35	35

Statistics on electricity

Montserrat

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*23	*23	*23	*23	24	*24
Combustible fuels	*23	*23	*23	*23	24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*23	*23	*23	*23	24	*24
Combustible fuels	*23	*23	*23	*23	24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*2	*2	*2	*2	2	*2
Net production	*21	*21	*21	*21	22	*22
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*2	*2	*2	*2	*3	*3
Consumption	*19	19	19	20	20	20
Energy industries own use	..	..	..	..	..	..
By industry and construction	*9	*9	*9	*9	*9	9
By transport	..	..	..	..	..	..
By households and other cons.	*10	10	10	11	11	11
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*5	*5	*5	*5	*5	*5
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*5	*5	*5	*5	*5	*5
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*237	*237	*237	*237	*237	*237
Total input	*237	*237	*237	*237	*237	*237
Total production	*83	*83	*83	*83	86	*86
Estimated efficiency (% of production to input)	35	35	35	35	37	37

Statistics on electricity

Morocco

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	22853	25666	27797	28242	29384	31217
Combustible fuels	18563	21533	23951	22594	24125	25108
Hydro	3631	2139	1816	2990	2033	2282
Nuclear	..	..	..	..	..	..
Other	659	1994	2030	2658	3226	3827
Main activity	22700	24147	26356	26829	27945	29855
Combustible fuels	18410	21316	23812	22483	23988	25048
Hydro	3631	2139	1816	2990	2033	2282
Nuclear	..	..	..	..	..	..
Other	659	692	728	1356	1924	2525
Own use in electricity, CHP and heat plants	43	39	32	40	44	52
Net production	22810	25627	27765	28202	29340	31165
Imports	3939	5131	5660	5551	6138	5138
Exports	..	524	818	151	128	165
Losses	2825	4171	4633	4915	5197	5515
Consumption	23924	26066	27973	28687	30153	30624
Energy industries own use	219	561	628	654	899	685
By industry and construction	9008	9555	*10244	10303	10659	10864
By transport	280	302	320	322	332	345
By households and other cons.	14417	15648	16781	17408	18263	18730
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	6679	6377	6692	7342	7994	8155
Combustible fuels	4688	4352	4667	5077	5427	5427
Hydro	1770	1770	1770	1770	1770	1770
Nuclear	..	..	..	..	..	..
Other	221	255	255	495	797	958
Main activity	6348	6377	6692	7342	7994	8155
Combustible fuels	4357	4352	4667	5077	5427	5427
Hydro	1770	1770	1770	1770	1770	1770
Nuclear	..	..	..	..	..	..
Other	221	255	255	495	797	958
Combustible fuel input	Terajoules					
Hard Coal	119264	125813	126200	123271	168285	185314
Gas-diesel oil	1419	1720	989	774	645	430
Fuel oil	53207	64882	64357	51106	28765	23917
Petroleum coke	0	0	0	..	..	..
Natural gas	24403	31186	46004	44285	42865	43985
Total input	198293	223601	237550	219436	240560	253646
Total production	66825	77519	86224	81338	86850	90389
Estimated efficiency (% of production to input)	34	35	36	37	36	36

Statistics on electricity

Mozambique

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	16666	16830	15166	15645	17739	19641
Combustible fuels	19	20	21	840	1379	2547
Hydro	16647	16810	15145	14805	16359	17093
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Main activity	16309	16482	14903	15382	17271	19471
Combustible fuels	19	20	21	840	1379	2493
Hydro	16290	16462	14882	14542	15892	16978
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	144	149	210	220	238	238
Net production	16522	16681	14956	15425	17501	19403
Imports	8533	8570	8304	8339	7656	10547
Exports	12075	11954	9791	9058	10199	12876
Losses	2457	2456	2243	2647	2612	5080
Consumption	9831	10141	10939	11605	12342	12180
Energy industries own use	..	..	..	..	..	..
By industry and construction	8574	8681	9448	9295	10651	9800
By transport	..	..	..	..	..	..
By households and other cons.	1257	1460	1491	2310	1691	2380
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2478	2479	2486	2646	2682	2508
Combustible fuels	249	249	249	359	359	410
Hydro	2229	2230	2237	2287	2322	2097
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Main activity	2428	2429	2436	2596	2596	2460
Combustible fuels	249	249	249	359	359	385
Hydro	2179	2180	2187	2237	2237	2075
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	..	..	..	*6880	*1600	215
Natural gas	215	304	357	3026	16137	23573
Total input	215	304	357	*9906	17737	23788
Total production	68	72	76	3024	4964	9168
Estimated efficiency (% of production to input)	32	24	21	31	28	39

Statistics on electricity

Myanmar

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	8625	10425	10965	12247	14156	15970
Combustible fuels	2436	2907	3199	3424	5327	6463
Hydro	6189	7518	7766	8823	8829	9507
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	8625	10425	10923	11302	11197	14156
Combustible fuels	2436	2907	3199	2929	3046	5327
Hydro	6189	7518	7725	8373	8151	8829
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	155	160	186	182	152	0
Net production	8470	10265	10779	12065	14005	15970
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2158	2548	2524	2452	2750	2573
Consumption	6312	7717	8255	9613	11255	13397
Energy industries own use	..	..	..	..	..	..
By industry and construction	3659	4336	4600	5849	7142	2145
By transport	..	..	..	..	..	..
By households and other cons.	2653	3381	3655	3764	4113	11252
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3413	3588	3726	4146	4805	5259
Combustible fuels	891	895	913	1141	1620	2076
Hydro	2522	2693	2813	3005	3185	3183
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3413	3588	3606	3753	4177	4631
Combustible fuels	891	895	913	920	1164	1620
Hydro	2522	2693	2693	2833	3013	3011
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	6748	7864	7038	3056	619	465
Gas-diesel oil	2150	1634	3440	2580	4300	602
Natural gas	25029	22922	30948	40331	71842	89943
Total input	33927	32420	41426	45967	76761	91010
Total production	8770	10465	11515	12326	19179	23268
Estimated efficiency (% of production to input)	26	32	28	27	25	26

Statistics on electricity

Namibia

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1488	1607	1538	1712	1498	1536
Combustible fuels	224	9	67	72	13	34
Hydro	1264	1598	1471	1640	1485	1502
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1488	1607	1538	1712	1498	1536
Combustible fuels	224	9	67	72	13	34
Hydro	1264	1598	1471	1640	1485	1502
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	1488	1607	1538	1712	1498	1536
Imports	2462	2389	2226	2916	2886	2623
Exports	207	79	88	89	84	88
Losses	329	360	426	369	543	283
Consumption	3354	3467	3635	3772	3747	3782
Energy industries own use	..	..	..	..	..	..
By industry and construction	803	817	795	786	716	613
By transport	..	..	..	..	..	..
By households and other cons.	2551	2650	2840	2986	3031	3169
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*467	393	508	487	487	497
Combustible fuels	*92	144	167	155	155	155
Hydro	*375	249	341	332	332	337
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	5
Main activity	*467	393	508	487	487	497
Combustible fuels	*92	144	167	155	155	155
Hydro	*375	249	341	332	332	337
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	5
Combustible fuel input	Terajoules					
Hard Coal	3086	136	726	590	0	91
Gas-diesel oil	86	*86	*86	*86	172	387
Total input	3172	222	812	676	172	478
Total production	806	32	241	259	47	122
Estimated efficiency (% of production to input)	25	15	30	38	27	26

Statistics on electricity

Nauru

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	23	23	24	*24	*25	*25
Combustible fuels	23	23	24	*24	*25	*25
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	23	23	24	*24	*25	*25
Combustible fuels	23	23	24	*24	*25	*25
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	23	23	24	*24	*25	*25
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*2	*2	*2	*2	*2	*2
Consumption	*20	21	*21	*22	*23	*23
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*20	21	*21	*22	*23	*23
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*6	5	5	*6	*6	*6
Combustible fuels	*6	5	5	*5	*6	*6
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*6	5	5	*6	*6	*6
Combustible fuels	*6	5	5	*5	*6	*6
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	269	276	283	*292	*305	*318
Total input	269	276	283	*292	*305	*318
Total production	81	83	85	*87	*90	*90
Estimated efficiency (% of production to input)	30	30	30	30	29	28

Statistics on electricity

Nepal

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3208	3492	3543	3130	3508	3503
Combustible fuels	3	2	10	10	10	..
Hydro	3205	3490	3533	3120	3498	3496
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	7
Main activity	3164	3433	3459	2993	3368	3349
Combustible fuels	3	2	10	10	10	..
Hydro	3161	3431	3449	2983	3358	3342
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	7
Own use in electricity, CHP and heat plants	30	32	24	40	15	39
Net production	3178	3460	3519	3090	3493	3464
Imports	694	746	793	1072	1319	1758
Exports	31	4	4	4	3	3
Losses	1101	1102	1066	745	*750	1315
Consumption	2740	3099	3240	3413	3491	3896
Energy industries own use	..	..	..	..	..	..
By industry and construction	1002	1124	1168	1222	1252	1210
By transport	6	7	8	6	6	6
By households and other cons.	1732	1968	2064	2185	2233	2680
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*630	*762	*762	*772	*829	801
Combustible fuels	*57	53	53	53	53	53
Hydro	*573	*709	*709	*718	*776	738
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	10
Main activity	*475	*607	*607	*617	*654	694
Combustible fuels	*57	53	53	53	53	53
Hydro	*418	*554	*554	*563	*601	641
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	32	22	101	89	*89	..
Total input	32	22	101	89	*89	..
Total production	11	7	36	36	35	..
Estimated efficiency (% of production to input)	33	32	36	41	39	..

Statistics on electricity

Netherlands

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	119270	113963	103298	101736	103418	110070
Combustible fuels	110992	104412	93925	92494	92488	97078
Hydro	105	57	104	114	112	93
Nuclear	3969	4141	3915	2891	4091	4077
Other	4204	5353	5354	6237	6727	8822
Main activity	95187	89215	78150	77128	81458	87478
Combustible fuels	87815	80830	70044	69496	72440	76878
Hydro	105	57	104	114	112	93
Nuclear	3969	4141	3915	2891	4091	4077
Other	3298	4187	4087	4627	4815	6430
Own use in electricity, CHP and heat plants	4444	4818	4651	4799	4644	4984
Net production	114826	109145	98647	96937	98774	105086
Imports	15583	20620	32156	33252	32855	30760
Exports	12808	11531	15046	15015	18128	22012
Losses	5633	5198	5191	5133	4934	5264
Consumption	112300	112958	108477	109787	107028	108057
Energy industries own use	4550	5081	4747	5652	5592	4945
By industry and construction	39210	39122	34904	34736	33095	34247
By transport	1756	1741	1763	1750	1716	1752
By households and other cons.	66784	67014	67063	67649	66625	67113
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	26688	28053	29924	30539	31762	33866
Combustible fuels	23743	24970	26518	26520	27286	28401
Hydro	37	37	37	37	37	37
Nuclear	510	510	510	485	485	485
Other	2398	2536	2859	3497	3954	4943
Main activity	21342	22022	23714	24136	24969	26825
Combustible fuels	18993	19609	21203	21390	22092	23400
Hydro	37	37	37	37	37	37
Nuclear	510	510	510	485	485	485
Other	1802	1866	1964	2224	2355	2903
Combustible fuel input	Terajoules					
Hard Coal	202325	187705	217567	221265	257247	336307
Biogas	7851	7712	7108	6640	6169	6110
Gas-diesel oil	473	430	688	1032	2924	817
Refinery gas	15791	21434	17325	17375	20345	15345
Natural gas	631129	559525	461008	450275	423496	376701
Coke-oven gas	2139	1938	2237	2307	1965	1909
Blast furnace gas	23842	25281	25063	23532	24677	24325
Fuelwood	*25104	*21574	*21433	*10363	*8938	*7725
Vegetal waste	*10438	*10947	*11268	*12918	*12717	*13413
Municipal waste	48998	54776	67182	70182	70843	70793
Others	1670	1891	1246	764	3096	..
Total input	969759	893213	832125	816652	832416	853445
Total production	399571	375883	338130	332978	332957	349481
Estimated efficiency (% of production to input)	41	42	41	41	40	41

Statistics on electricity

New Caledonia

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2132	2259	2288	2506	3011	2903
Combustible fuels	1811	1833	1828	1992	2660	2494
Hydro	265	376	398	456	289	340
Nuclear	..	..	..	..	..	..
Other	56	50	62	58	62	69
Main activity	2131	2258	2287	2505	3011	2903
Combustible fuels	1811	1833	1828	1992	2660	2494
Hydro	265	376	398	456	289	340
Nuclear	..	..	..	..	..	..
Other	55	50	62	57	62	68
Own use in electricity, CHP and heat plants	0	1	1	1	1	1
Net production	2132	2258	2287	2505	3011	2903
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	66	64	70	68	58	61
Consumption	2066	2195	2217	2437	2953	2842
Energy industries own use	..	..	..	..	..	..
By industry and construction	1499	1589	1596	1808	2324	2193
By transport	..	..	..	..	..	..
By households and other cons.	567	605	621	630	630	650
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	500	498	503	691	683	686
Combustible fuels	383	380	384	572	565	565
Hydro	78	78	78	78	78	78
Nuclear	..	..	..	..	..	..
Other	40	41	41	41	40	43
Main activity	500	494	495	630	622	625
Combustible fuels	383	377	377	512	505	505
Hydro	78	78	78	78	78	78
Nuclear	..	..	..	..	..	..
Other	39	40	41	41	40	43
Combustible fuel input	Terajoules					
Hard Coal	7383	8099	7715	8479	11326	13485
Gas-diesel oil	344	340	314	2666	6717	3500
Fuel oil	14431	14071	13946	13001	15320	15792
Other kerosene	*175	*131	*88	83	293	237
Bitumen	72	12	12	52	145	133
Total input	22406	22654	22074	24281	33800	33147
Total production	6520	6598	6580	7170	9576	8979
Estimated efficiency (% of production to input)	29	29	30	30	28	27

Statistics on electricity

New Zealand

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	44904	44483	44264	43268	43505	44205
Combustible fuels	12586	11233	13046	11718	9619	9368
Hydro	24737	25117	22901	23041	24317	24535
Nuclear	..	..	..	..	..	..
Other	7581	8133	8317	8509	9569	10302
Main activity	43509	43199	42890	41837	42089	42745
Combustible fuels	11322	10071	11785	10424	8355	8078
Hydro	24725	25105	22888	23030	24308	24527
Nuclear	..	..	..	..	..	..
Other	7462	8023	8217	8383	9426	10140
Own use in electricity, CHP and heat plants	1491	1433	1458	1384	1310	1330
Net production	43413	43050	42806	41884	42195	42875
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	3101	2999	2996	2890	2852	2845
Consumption	39710	39201	38515	38683	39037	39840
Energy industries own use	548	593	611	613	595	706
By industry and construction	14726	14709	13306	13645	13831	13893
By transport	62	62	62	62	62	63
By households and other cons.	24374	23837	24536	24363	24549	25178
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	9457	9765	9689	9529	9770	9473
Combustible fuels	2929	3138	2988	2738	2741	2388
Hydro	5254	5254	5324	5329	5329	5340
Nuclear	..	..	..	..	..	..
Other	1274	1373	1377	1462	1700	1745
Main activity	9206	9514	9434	9271	9500	9165
Combustible fuels	2708	2917	2767	2517	2520	2167
Hydro	5251	5251	5321	5326	5326	5337
Nuclear	..	..	..	..	..	..
Other	1247	1346	1346	1428	1654	1661
Combustible fuel input	Terajoules					
Brown Coal	13111	15559	27170	16506	12399	11292
Biogas	2534	2720	2654	2634	2682	2687
Gas-diesel oil	0	0	43	43	43	..
Natural gas	81987	70248	71157	70959	58208	56442
Coke-oven gas	2181	1836	1846	2130	2007	2119
Blast furnace gas	5591	4921	5530	5541	5482	5617
Fuelwood	3976	3997	3860	3961	3961	3787
Total input	109380	99281	112260	101774	84782	81944
Total production	45310	40439	46966	42185	34628	33725
Estimated efficiency (% of production to input)	41	41	42	41	41	41

Statistics on electricity

Nicaragua

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3659	3824	4031	4166	4446	4579
Combustible fuels	2690	2896	2759	2469	2543	2741
Hydro	504	444	419	456	395	295
Nuclear	..	..	..	..	..	..
Other	465	484	853	1241	1508	1543
Main activity	3230	3405	3529	3631	3901	4070
Combustible fuels	2261	2477	2258	1935	1999	2233
Hydro	504	444	418	455	394	294
Nuclear	..	..	..	..	..	..
Other	465	484	853	1241	1508	1543
Own use in electricity, CHP and heat plants	299	306	352	400	161	364
Net production	3360	3518	3679	3766	4285	4215
Imports	10	10	20	52	22	34
Exports	43	41	3	16	49	22
Losses	676	674	642	643	926	837
Consumption	2641	2821	3041	3196	3325	3396
Energy industries own use	..	..	..	..	..	..
By industry and construction	928	1010	1106	1065	1105	1128
By transport	..	..	..	..	..	..
By households and other cons.	1713	1811	1935	2131	2220	2268
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1074	1110	1288	1292	1329	1329
Combustible fuels	817	853	870	869	867	867
Hydro	106	106	107	121	121	121
Nuclear	..	..	..	..	..	..
Other	151	151	311	302	341	341
Main activity	951	987	1153	1157	1194	1194
Combustible fuels	695	731	736	735	733	733
Hydro	105	105	106	120	120	120
Nuclear	..	..	..	..	..	..
Other	151	151	311	302	341	341
Combustible fuel input	Terajoules					
Gas-diesel oil	559	602	602	473	645	645
Fuel oil	20968	22422	20362	17332	17816	20119
Bagasse	*9775	*9523	*11670	*15269	15695	*16735
Vegetal waste	*1245	*2196	*1562	*1929	*3007	*3044
Total input	32547	34743	34196	35003	37163	40543
Total production	9684	10426	9932	8888	9155	9868
Estimated efficiency (% of production to input)	30	30	29	25	25	24

Statistics on electricity

Niger

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	292	324	392	438	499	526
Combustible fuels	292	324	392	438	499	526
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	269	270	338	399	387	412
Combustible fuels	269	270	338	399	387	412
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	42	42	45	44	18	44
Net production	250	282	347	394	481	482
Imports	551	607	637	602	727	782
Exports	2	4	4	3	0	0
Losses	114	145	160	156	191	215
Consumption	685	738	826	836	858	916
Energy industries own use	..	..	..	..	..	..
By industry and construction	196	225	238	225	*215	218
By transport	..	..	..	..	..	..
By households and other cons.	489	512	588	611	644	699
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*135	*135	*135	176	176	180
Combustible fuels	*134	*134	*134	172	172	176
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	4	4	4
Main activity	*105	*105	*105	134	134	136
Combustible fuels	*105	*105	*105	134	134	136
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	3458	3858	4046	3597	4234	3534
Gas-diesel oil	899	761	1372	2000	1883	2253
Fuel oil	137	137	..	..	..	..
Liquefied petroleum gas	..	..	90	473	710	596
Total input	4494	4756	5508	6069	6827	6384
Total production	1051	1166	1410	1576	1796	1893
Estimated efficiency (% of production to input)	23	25	26	26	26	30

Statistics on electricity

Nigeria

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	26121	27034	28706	28883	30390	31426
Combustible fuels	19747	21151	23047	23557	25044	25708
Hydro	6374	5883	5659	5326	5346	5718
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	19356	20032	21271	23626	24808	25691
Combustible fuels	13112	14269	15727	18409	19571	20090
Hydro	6244	5763	5544	5217	5237	5601
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	748	774	822	827	870	900
Net production	25373	26260	27884	28056	29520	30526
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	4497	2581	2485	4367	4895	5258
Consumption	20876	23679	25399	23689	24625	25268
Energy industries own use	216	232	240	202	186	179
By industry and construction	3249	3699	3983	3899	4057	4165
By transport	..	..	..	..	..	..
By households and other cons.	17411	19748	21176	19588	20382	20924
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*8417	*8902	*8902	*9822	*10396	*10396
Combustible fuels	*6487	*6972	*6972	*7892	*8458	*8458
Hydro	*1930	*1930	*1930	*1930	*1938	*1938
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*6431	*6770	*6770	*7690	*7356	*7356
Combustible fuels	*4541	*4880	*4880	*5800	*5458	*5458
Hydro	*1890	*1890	*1890	*1890	*1898	*1898
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Natural gas	197470	211510	230470	235570	250440	257080
Total input	197470	211510	230470	235570	250440	257080
Total production	71089	76144	82969	84805	90158	92549
Estimated efficiency (% of production to input)	36	36	36	36	36	36

Statistics on electricity

Niue

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3	3	3	3	3	3
Combustible fuels	3	3	3	3	3	3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	3	3	3	3	3	3
Combustible fuels	3	3	3	3	3	3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	3	3	3	3	3	3
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	0	0	0	0	0	0
Consumption	3	3	3	3	3	3
Energy industries own use	..	..	..	..	..	..
By industry and construction	1	1	1	1	1	1
By transport	..	..	..	..	..	..
By households and other cons.	2	2	2	2	2	2
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2	2	2	2	2	*2
Combustible fuels	2	2	2	2	2	*2
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	2	2	2	2	2	*2
Combustible fuels	2	2	2	2	2	*2
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	30	32	30	31	31	34
Total input	30	32	30	31	31	34
Total production	11	12	12	12	11	12
Estimated efficiency (% of production to input)	37	37	40	38	36	35

Statistics on electricity

Northern Mariana Islands

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*400	*407	*411	*415	*419	*430
Combustible fuels	*400	*407	*411	*415	*419	*430
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*400	*407	*411	*415	*419	*430
Combustible fuels	*400	*407	*411	*415	*419	*430
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*400	*407	*411	*415	*419	*430
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*90	*91	*91	*92	*93	*96
Consumption	*310	*316	*319	*322	*326	*334
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*310	*316	*319	*322	*326	*334
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*74	*82	*88	*91	95	*95
Combustible fuels	*74	*82	*88	*91	95	*95
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*74	*82	*88	*91	95	*95
Combustible fuels	*74	*82	*88	*91	95	*95
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Total input	..	..	..	..	..	..
Total production	*1440	*1464	*1479	*1493	*1508	*1547
Estimated efficiency (% of production to input)	..	..	..	..	..	..

Statistics on electricity

Norway

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	123640	127655	147716	133981	141968	145021
Combustible fuels	5454	4739	3354	3158	3267	3197
Hydro	117152	121552	142812	128699	136182	139013
Nuclear	..	..	..	..	..	..
Other	1034	1364	1550	2124	2519	2811
Main activity	113590	118117	139097	125503	133526	136562
Combustible fuels	303	360	457	482	616	522
Hydro	112379	116451	137092	123140	130694	133525
Nuclear	..	..	..	..	..	..
Other	908	1306	1548	1881	2216	2515
Own use in electricity, CHP and heat plants	569	593	560	626	687	608
Net production	123071	127062	147156	133355	141281	144413
Imports	14673	11255	4190	10135	6347	7371
Exports	7124	14329	22006	15141	21932	22016
Losses	9491	8109	9098	8039	7644	8892
Consumption	120283	115215	119390	119310	117185	119991
Energy industries own use	6832	7826	8612	7611	8160	9223
By industry and construction	44544	44043	43489	43342	44461	45102
By transport	690	689	768	730	764	859
By households and other cons.	68217	62657	66521	67627	63800	64807
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	31688	32082	32860	33486	33697	33837
Combustible fuels	1535	1566	1611	1600	1563	1563
Hydro	29693	29969	30509	31033	31240	31372
Nuclear	..	..	..	..	..	..
Other	460	547	740	853	894	902
Main activity	29614	30008	30786	31412	31623	31763
Combustible fuels	542	573	618	607	570	570
Hydro	28634	28910	29450	29974	30181	30313
Nuclear	..	..	..	..	..	..
Other	438	525	718	831	872	880
Combustible fuel input	Terajoules					
Hard Coal	731	703	618	703	703	731
Biogas	88	82	81	93	123	58
Gas-diesel oil	129	129	172	129	172	129
Refinery gas	0	0	0	0	0	0
Natural gas	36196	27350	18408	15058	17888	17174
Blast furnace gas	329	523	658	507	610	578
Fuelwood	1271	1286	1350	1120	80	53
Municipal waste	6880	8910	9500	11647	12700	13200
Industrial waste	115	115	295	112	103	410
Other liquid biofuels	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total input	45739	39097	31082	29368	32379	32333
Total production	19634	17060	12074	11369	11761	11509
Estimated efficiency (% of production to input)	43	44	39	39	36	36

Statistics on electricity

Oman

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	19819	21874	25017	26240	29128	32758
Combustible fuels	19819	21874	25017	26240	29128	32758
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	19819	21874	25017	26240	29128	32758
Combustible fuels	19819	21874	25017	26240	29128	32758
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	659	520	652	579	785	676
Net production	19160	21354	24365	25661	28343	32082
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	3027	2842	3410	2871	3170	3170
Consumption	16134	18513	20956	22790	25173	28912
Energy industries own use	..	..	..	..	..	..
By industry and construction	1541	2584	3436	3686	4189	4723
By transport	..	..	..	..	..	..
By households and other cons.	14593	15929	17520	19104	20984	24189
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	4265	4861	5808	6598	8214	7868
Combustible fuels	4265	4861	5808	6598	8214	7868
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4265	4861	5808	6598	8214	7868
Combustible fuels	4265	4861	5808	6598	8214	7868
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	5461	5676	6278	7009	7697	8686
Natural gas	242699	257745	289108	285035	305274	325455
Total input	248160	263421	295386	292044	312971	334141
Total production	71348	78746	90061	94464	104861	117929
Estimated efficiency (% of production to input)	29	30	30	32	34	35

Statistics on electricity

Pakistan

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	94383	*97281	*98535	*105248	*108482	*115073
Combustible fuels	59152	*63200	*63739	*68251	*69885	*75009
Hydro	31811	28811	30243	31698	32286	33913
Nuclear	3420	5270	4553	4902	5804	4602
Other	..	..	..	397	507	1549
Main activity	57169	56383	57044	61081	63258	66533
Combustible fuels	21938	*22302	*22248	*24084	*24661	*26469
Hydro	31811	28811	30243	31698	32286	33913
Nuclear	3420	5270	4553	4902	5804	4602
Other	..	..	..	397	507	1549
Own use in electricity, CHP and heat plants	2239	*2550	*3341	*3757	*3801	*3846
Net production	92144	*94731	*95194	*101491	*104681	*111227
Imports	269	274	375	419	428	*437
Exports	..	..	..	..	..	..
Losses	15315	*18244	*18781	*18501	*18781	*19065
Consumption	77099	76761	76788	83409	86328	*92599
Energy industries own use	..	..	..	..	..	..
By industry and construction	21207	21801	22313	24356	25510	*27363
By transport	1	1	0	0	0	0
By households and other cons.	55891	54959	54475	59053	60818	*65236
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*23342	*23536	*23781	*23728	*24823	*25827
Combustible fuels	*15910	*15969	*15941	*15719	*16814	*17234
Hydro	6645	6730	6947	7116	7116	7001
Nuclear	787	787	787	787	787	750
Other	..	50	106	106	106	842
Main activity	14594	14905	15249	15261	15766	16544
Combustible fuels	*7162	*7338	*7409	*7252	*7757	*7951
Hydro	6645	6730	6947	7116	7116	7001
Nuclear	787	787	787	787	787	750
Other	..	50	106	106	106	842
Combustible fuel input	Terajoules					
Hard Coal	2394	2625	1545	3949	3556	3891
Gas-diesel oil	4300	8308	8944	12470	23134	24209
Fuel oil	324776	299021	*305626	*352975	*342552	*358631
Natural gas	287024	297593	313145	291850	302700	304482
Total input	618494	607546	629260	*661243	*671941	*691213
Total production	212947	*227520	*229460	*245704	*251586	*270032
Estimated efficiency (% of production to input)	34	37	36	37	37	39

Statistics on electricity

Palau

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*95	95	*95	*95	*95	*95
Combustible fuels	*95	95	*95	*95	*95	*95
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*89	89	*89	*89	*89	*89
Combustible fuels	*89	89	*89	*89	*89	*89
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*7	*7	*7	*7	*7	*7
Net production	*88	88	*88	*88	*88	*88
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*13	*14	*14	*14	*14	*14
Consumption	72	72	*73	*73	*73	*74
Energy industries own use	..	..	..	..	..	..
By industry and construction	3	4	*5	*5	*5	*6
By transport	..	..	..	..	..	..
By households and other cons.	69	68	*68	*68	*68	*68
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*30	*30	*30	*30	30	30
Combustible fuels	*30	*30	*30	*30	30	30
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*28	*28	*28	*28	28	28
Combustible fuels	*28	*28	*28	*28	28	28
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	937	*946	*946	*946	*946	*946
Total input	937	*946	*946	*946	*946	*946
Total production	*341	341	*341	*341	*341	*341
Estimated efficiency (% of production to input)	36	36	36	36	36	36

Statistics on electricity

Panama

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	7419	7857	8606	8962	9287	10295
Combustible fuels	3225	3759	3218	3808	4136	3604
Hydro	4194	4098	5388	5154	5034	6257
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	118	435
Main activity	7397	7834	8580	8929	9256	10262
Combustible fuels	3203	3736	3192	3775	4105	3570
Hydro	4194	4098	5388	5154	5034	6257
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	118	435
Own use in electricity, CHP and heat plants	7	175	178	211	200	201
Net production	7412	7682	8428	8751	9087	10095
Imports	71	72	19	75	193	17
Exports	39	8	59	71	99	139
Losses	1080	1123	1190	1220	1328	1400
Consumption	6388	6695	7176	7511	7832	8549
Energy industries own use	..	..	..	..	..	..
By industry and construction	651	660	695	706	689	669
By transport	..	..	..	..	19	42
By households and other cons.	5737	6035	6481	6805	7124	7837
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1976	2391	2422	2546	2829	3371
Combustible fuels	1040	1040	954	1032	1148	1243
Hydro	936	1351	1468	1494	1623	1769
Nuclear	..	..	..	..	..	..
Other	0	0	0	20	57	359
Main activity	1752	2167	2198	2333	2560	3139
Combustible fuels	881	881	795	879	939	1071
Hydro	871	1286	1403	1434	1563	1709
Nuclear	..	..	..	..	..	..
Other	0	0	0	20	57	359
Combustible fuel input	Terajoules					
Hard Coal	..	6115	8333	8798	9082	9133
Gas-diesel oil	8084	10062	3010	5676	9546	2555
Fuel oil	21695	20038	18301	12484	6828	19386
Bagasse	2189	2221	2476	3081	2874	2900
Total input	31968	38436	32121	30038	28329	33974
Total production	11610	13534	11583	13708	14888	12974
Estimated efficiency (% of production to input)	36	35	36	46	53	38

Statistics on electricity

Papua New Guinea

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3631	3666	3764	3964	4176	*4176
Combustible fuels	2252	2275	2359	2546	2734	*2734
Hydro	957	969	983	996	1020	*1020
Nuclear	..	..	..	..	..	..
Other	422	422	422	422	422	*422
Main activity	876	885	896	905	940	*940
Combustible fuels	270	267	264	260	280	*280
Hydro	606	618	632	645	660	*660
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	0	1	0	0	0
Net production	3630	3666	3763	3964	4176	*4176
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*406	*407	*434	454	512	*512
Consumption	3224	3259	3329	3513	3664	*3664
Energy industries own use	..	..	..	..	..	..
By industry and construction	2362	2362	2432	2559	2652	*2651
By transport	..	..	..	..	..	..
By households and other cons.	*862	*897	*897	*954	*1012	*1013
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*788	*788	*795	*865	*872	*878
Combustible fuels	*478	*478	*478	*548	*566	*566
Hydro	254	254	261	261	250	*259
Nuclear	..	..	..	..	..	..
Other	56	56	56	56	*56	53
Main activity	273	273	280	280	267	*276
Combustible fuels	118	118	*118	*118	116	*116
Hydro	155	155	162	162	151	*160
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	10320	10965	4313	5151	3896	*3913
Fuel oil	12524	12928	17921	19263	21856	*21856
Natural gas	5658	5896	5024	5150	6155	*7000
Total input	28502	29789	27259	29564	31907	*32769
Total production	8107	8190	8492	9166	9842	*9842
Estimated efficiency (% of production to input)	28	27	31	31	31	30

Statistics on electricity

Paraguay

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	54066	57625	60235	60381	55282	55744
Combustible fuels	1	1	3	3	6	1
Hydro	54065	57624	60232	60378	55276	55743
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	54066	57625	60235	60381	55282	55744
Combustible fuels	1	1	3	3	6	1
Hydro	54065	57624	60232	60378	55276	55743
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	449	501	504	506	448	451
Net production	53617	57124	59730	59875	54834	55293
Imports	..	..	..	..	..	..
Exports	43378	46120	47663	47365	41400	41127
Losses	3369	3433	3845	3492	3402	3590
Consumption	6870	7571	8222	9018	10030	10576
Energy industries own use	..	..	..	..	..	..
By industry and construction	2889	3114	3343	3567	3801	4010
By transport	..	..	..	..	..	..
By households and other cons.	3980	4456	4879	5451	6229	6567
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8816	8816	8816	8825	8825	8825
Combustible fuels	6	6	6	15	15	15
Hydro	8810	8810	8810	8810	8810	8810
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	8816	8816	8816	8825	8825	8825
Combustible fuels	6	6	6	15	15	15
Hydro	8810	8810	8810	8810	8810	8810
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	5	6	22	22	57	18
Total input	5	6	22	22	57	18
Total production	3	3	11	11	21	5
Estimated efficiency (% of production to input)	62	58	51	51	37	28

Statistics on electricity

Peru

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	35890	38811	40044	43330	45508	48277
Combustible fuels	15847	17248	17951	20812	22882	23729
Hydro	20042	21562	22032	22320	22171	23722
Nuclear	..	..	..	..	..	..
Other	1	1	61	198	455	826
Main activity	33529	36253	37369	40665	42844	45719
Combustible fuels	13970	15220	15817	18757	20778	21766
Hydro	19558	21032	21491	21709	21611	23127
Nuclear	..	..	..	..	..	..
Other	1	1	61	198	455	826
Own use in electricity, CHP and heat plants	563	558	564	589	800	567
Net production	35327	38253	39480	42741	44708	47710
Imports	0	6	5	0	0	1
Exports	112	0	2	0	13	55
Losses	3634	3109	3380	4556	5018	5324
Consumption	31582	35125	35969	38208	39719	42334
Energy industries own use	..	..	..	..	..	..
By industry and construction	16789	18580	19027	20686	21798	23446
By transport	0	3	3	22	37	48
By households and other cons.	14793	16542	16939	17499	17884	18840
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8614	8691	9699	11051	11203	12089
Combustible fuels	5175	5240	6134	7414	7302	7619
Hydro	3438	3451	3484	3556	3662	4130
Nuclear	..	..	..	..	..	..
Other	1	1	81	81	239	340
Main activity	7310	7314	8267	9635	9739	10511
Combustible fuels	3964	3957	4806	6104	5942	6145
Hydro	3345	3357	3381	3451	3558	4026
Nuclear	..	..	..	..	..	..
Other	1	1	81	81	239	340
Combustible fuel input	Terajoules					
Hard Coal	10250	10385	8416	11437	7293	5921
Biogas	0	0	877	806	821	985
Gas-diesel oil	7095	7009	7955	5633	5074	5203
Fuel oil	18988	21897	8201	8565	6181	5858
Refinery gas	198	1238	1238	1287	1485	1485
Natural gas	145576	149954	164487	150325	175586	182405
Bagasse	..	12502	10324	15622	21452	14363
Vegetal waste	8358	..	..	..	..	..
Biodiesel	258	0	0	0	0	0
Total input	190723	202985	201498	193675	217892	216220
Total production	57049	62092	64624	74925	82375	85424
Estimated efficiency (% of production to input)	30	31	32	39	38	40

Statistics on electricity

Philippines

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	67777	69210	72956	75300	77295	82447
Combustible fuels	49964	49463	52360	55592	57664	61835
Hydro	7820	9715	10269	10036	9154	8682
Nuclear	..	..	..	..	..	..
Other	9992	10032	10327	9672	10477	11931
Main activity	67743	69176	72922	75266	77261	82413
Combustible fuels	49947	49446	52343	55575	57647	61818
Hydro	7803	9698	10252	10019	9137	8665
Nuclear	..	..	..	..	..	..
Other	9992	10032	10327	9672	10477	11931
Own use in electricity, CHP and heat plants	4677	5398	5351	5960	6646	7124
Net production	63100	63811	67605	69340	70649	75323
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	7800	7680	8360	7741	7270	7481
Consumption	55266	56097	59211	61566	63345	67808
Energy industries own use	..	..	..	..	..	..
By industry and construction	18576	19334	20071	20677	21429	22514
By transport	109	111	117	112	111	98
By households and other cons.	36581	36653	39023	40777	41805	45196
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	16386	16189	17052	17351	17970	18816
Combustible fuels	10931	10782	11514	11793	12056	12455
Hydro	3416	3507	3537	3537	3559	3632
Nuclear	..	..	..	..	..	..
Other	2039	1900	2001	2021	2355	2729
Main activity	16360	16163	17026	17325	17944	18790
Combustible fuels	10921	10772	11504	11783	12046	12445
Hydro	3400	3491	3521	3521	3543	3616
Nuclear	..	..	..	..	..	..
Other	2039	1900	2001	2021	2355	2729
Combustible fuel input	Terajoules					
Brown Coal	213093	242221	263790	326840	344453	387713
Gas-diesel oil	14551	7977	8514	10866	14732	12711
Fuel oil	48617	25973	32869	35055	44137	47559
Natural gas	137502	147207	141010	128781	135141	127938
Bagasse	180	998	2034	2122	1817	4590
Municipal waste	361	1096	925	1499	1640	955
Biodiesel	256	55	152	191	269	233
Total input	414561	425527	449296	505355	542188	581699
Total production	179871	178068	188497	200131	207590	222604
Estimated efficiency (% of production to input)	43	42	42	40	38	38

Statistics on electricity

Poland

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	157657	163548	162139	164580	159059	164944
Combustible fuels	152422	157477	154845	155467	148500	151478
Hydro	3488	2761	2465	2997	2734	2435
Nuclear	..	..	..	..	..	..
Other	1747	3310	4829	6116	7825	11031
Main activity	149691	155206	153690	155663	150178	155525
Combustible fuels	144541	149242	146480	146665	139771	142235
Hydro	3486	2759	2463	2994	2731	2432
Nuclear	..	..	..	..	..	..
Other	1664	3205	4747	6004	7676	10858
Own use in electricity, CHP and heat plants	14200	14635	14490	14501	13845	14249
Net production	143457	148913	147649	150079	145214	150695
Imports	6310	6780	9803	7801	13508	14459
Exports	7664	12022	12643	12322	11342	14793
Losses	11851	10638	10884	10247	10250	10534
Consumption	130252	133033	133925	135311	137130	139827
Energy industries own use	11562	11541	11756	11754	11783	12008
By industry and construction	41452	44132	44714	47290	47585	49482
By transport	3338	3317	3200	3156	3007	3107
By households and other cons.	73900	74043	74255	73111	74755	75230
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	33360	34554	35313	35845	36019	37352
Combustible fuels	29908	30405	30365	30027	29760	29956
Hydro	2342	2346	2351	2355	2364	2370
Nuclear	..	..	..	..	..	..
Other	1110	1803	2597	3463	3895	5026
Main activity	31564	32823	33544	34039	34171	35214
Combustible fuels	28115	28678	28600	28226	27942	27929
Hydro	2341	2345	2350	2354	2363	2369
Nuclear	..	..	..	..	..	..
Other	1108	1800	2594	3459	3866	4916
Combustible fuel input	Terajoules					
Hard Coal	1065525	1045664	958319	978720	900363	912442
Brown Coal	476989	516512	524934	542388	514876	508760
Biogas	2763	3312	4204	4872	5718	6298
Fuel oil	20927	16402	14665	12726	11352	15837
Natural gas	45252	53135	57640	47363	47736	57442
Coke-oven gas	20215	17958	17309	19410	19325	22755
Blast furnace gas	9954	11001	11328	11729	13937	16242
Fuelwood	*19712	*24952	*34647	*40601	*42549	*43633
Vegetal waste	*43524	*51865	*69253	*45098	*52728	*50530
Other recovered gases	5026	5332	5202	5247	5057	4708
Others	3540	3096	2869	2977	2374	2639
Total input	1713428	1749230	1700369	1711131	1616016	1641286
Total production	548719	566917	557442	559681	534600	545321
Estimated efficiency (% of production to input)	32	32	33	33	33	33

Statistics on electricity

Portugal

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	54090	52463	46614	51672	52802	52420
Combustible fuels	27950	30693	29151	24110	23440	30005
Hydro	16547	12115	6660	14868	16412	9799
Nuclear	..	..	..	..	..	..
Other	9593	9655	10803	12694	12950	12616
Main activity	46348	44116	38270	42662	44367	44126
Combustible fuels	20230	22442	20967	15330	15323	22076
Hydro	16528	12101	6650	14848	16389	9784
Nuclear	..	..	..	..	..	..
Other	9590	9573	10653	12484	12655	12266
Own use in electricity, CHP and heat plants	1308	1335	1361	1261	1276	1482
Net production	52782	51128	45253	50411	51526	50938
Imports	5814	6742	10766	8100	7247	8077
Exports	3191	3929	2871	5324	6344	5811
Losses	4280	4090	4707	5455	5209	4895
Consumption	51125	49851	48441	47732	47220	48309
Energy industries own use	1237	1487	2200	2475	2025	2497
By industry and construction	17468	16957	15932	15993	15395	15481
By transport	475	404	401	301	302	308
By households and other cons.	31945	31003	29908	28963	29498	30023
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	18932	19924	19747	18900	19125	19625
Combustible fuels	9871	9936	9360	8308	8113	8048
Hydro	5106	5535	5712	5661	5715	6168
Nuclear	..	..	..	..	..	..
Other	3955	4453	4675	4931	5297	5409
Main activity	17106	17969	17635	16841	17020	17575
Combustible fuels	8051	8051	7357	6409	6205	6205
Hydro	5100	5529	5706	5655	5709	6162
Nuclear	..	..	..	..	..	..
Other	3955	4389	4572	4777	5106	5208
Combustible fuel input	Terajoules					
Hard Coal	66949	92278	121920	110009	111645	135911
Biogas	1287	1883	2362	2736	3078	3121
Gas-diesel oil	1161	860	860	860	903	989
Fuel oil	23109	19796	15958	11393	9494	9656
Refinery gas	1485	743	941	1188	941	644
Natural gas	129071	127891	98507	79197	72602	97300
Vegetal waste	*8115	*8748	*8891	*8996	*12376	*12034
Municipal waste	8030	8245	7197	8097	6845	8155
Industrial waste	343	216	127	101	91	79
Biodiesel	..	..	..	37	37	74
Total input	239550	260659	256763	222613	218011	267961
Total production	100620	110495	104944	86796	84384	108018
Estimated efficiency (% of production to input)	42	42	41	39	39	40

Statistics on electricity

Puerto Rico

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	23499	22509	22587	21812	21316	21160
Combustible fuels	23365	22358	22429	21509	20969	20771
Hydro	133	150	125	91	81	56
Nuclear	..	..	..	..	..	..
Other	2	2	33	213	266	333
Main activity	23249	22259	22337	21562	21066	20910
Combustible fuels	23115	22108	22179	21259	20719	20521
Hydro	133	150	125	91	81	56
Nuclear	..	..	..	..	..	..
Other	2	2	33	213	266	333
Own use in electricity, CHP and heat plants	690	620	633	553	795	602
Net production	22809	21890	21954	21259	20522	20558
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*3522	*3375	*3498	*2906	*2900	*3073
Consumption	19287	18515	18456	18353	17621	17485
Energy industries own use	..	..	..	..	..	..
By industry and construction	3048	2882	2779	2579	2338	2355
By transport	..	..	..	..	..	..
By households and other cons.	16239	15633	15676	15774	15283	15130
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	5906	5905	6008	6083	*6097	*6112
Combustible fuels	5801	5800	5800	5800	*5800	*5800
Hydro	100	100	100	100	99	99
Nuclear	..	..	..	..	..	..
Other	5	5	108	183	198	213
Main activity	5845	5844	5947	6022	*6036	*6051
Combustible fuels	5740	5739	5739	5739	*5739	*5739
Hydro	100	100	100	100	99	99
Nuclear	..	..	..	..	..	..
Other	5	5	108	183	198	213
Combustible fuel input	Terajoules					
Hard Coal	38700	38700	38700	32327	45950	47085
Fuel oil	159931	145739	138685	111423	106688	115952
Natural gas	29995	28712	53006	60736	60736	64675
Total input	228626	213151	230391	204487	213374	227712
Total production	84112	80488	80743	77431	75489	74776
Estimated efficiency (% of production to input)	37	38	35	38	35	33

Statistics on electricity

Qatar

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	28144	30730	34787	34668	38692	41499
Combustible fuels	28144	30730	34787	34668	38692	41499
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2422	2360	2988	3090	3502	2501
Combustible fuels	2422	2360	2988	3090	3502	2501
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1759	2347	2436	2444	2568	2647
Net production	26385	28383	32351	32224	36124	38852
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1767	624	2168	2159	2341	2474
Consumption	24618	27759	30184	30066	33784	36378
Energy industries own use	..	..	..	..	..	..
By industry and construction	7773	9089	9798	9944	11568	11887
By transport	..	..	..	..	..	..
By households and other cons.	16845	18670	20386	20122	22216	24491
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8751	8751	8751	8751	8751	8751
Combustible fuels	8751	8751	8751	8751	8751	8751
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2190	2190	2190	2190	2190	2190
Combustible fuels	2190	2190	2190	2190	2190	2190
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Natural gas	276270	299648	341440	442417	381028	399818
Total input	276270	299648	341440	442417	381028	399818
Total production	101318	110628	125233	124805	139291	149396
Estimated efficiency (% of production to input)	37	37	37	28	37	37