

**Statistics on electricity**
**Madagascar**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1274	1274	1360	1438	1520	1594
Combustible fuels	574	533	649	747	765	784
Hydro	700	741	711	690	755	809
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
Main activity	1104	1104	1190	1268	1350	1424
Combustible fuels	404	363	479	577	595	614
Hydro	700	741	711	690	755	809
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
Own use in electricity, CHP and heat plants	14	18	19	21	23	*24
Net production	1261	1256	1340	1417	1497	1570
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	51	40	*40	*41	*41	*41
Consumption	*1022	*961	1014	1053	1100	1222
Energy industries own use	..	..	..	..	..	..
By industry and construction	*523	*481	*489	*501	*516	611
By transport	..	..	..	..	..	..
By households and other cons.	499	480	525	552	584	611
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	431	431	507	*507	*507	*508
Combustible fuels	282	282	379	*379	*379	*379
Hydro	148	148	128	*128	*128	*128
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
Main activity	399	399	475	*475	*475	*476
Combustible fuels	250	250	347	*347	*347	*347
Hydro	148	148	128	*128	*128	*128
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*4568	*3966	*5061	*5061	*5061	*5160
Fuel oil	1703	1843	*2022	*2022	*2022	*2101
<b>Total input</b>	*6271	*5809	*7082	*7082	*7082	*7261
<b>Total production</b>	2067	1918	2336	2690	2753	2824
<b>Estimated efficiency (% of production to input)</b>	33	33	33	38	39	39

**Statistics on electricity**
**Malawi**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1797	1944	2024	1979	*1666	*1666
Combustible fuels	*182	*181	*181	*181	*181	*181
Hydro	1615	1763	1843	1798	*1485	*1485
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1617	1764	1844	1798	*1485	*1485
Combustible fuels	*6	*5	*5	*5	*5	*5
Hydro	1611	1759	1839	1793	*1480	*1480
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*88	*91	*97	*95	*82	*82
Net production	1709	1853	1927	1884	*1584	*1584
Imports	..	..	..	..	..	..
Exports	20	16	21	20	18	*18
Losses	*169	*184	*191	*186	*157	157
Consumption	1520	1652	1716	1678	1409	*1409
Energy industries own use	..	..	..	..	..	..
By industry and construction	520	553	556	617	503	*503
By transport	..	..	..	..	..	..
By households and other cons.	1001	1099	1160	1062	906	*906
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	502	502	502	502	*502	*502
Combustible fuels	*211	*211	*211	*211	*211	*211
Hydro	291	291	291	291	*291	*291
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	287	287	287	287	*287	*287
Combustible fuels	1	1	1	*1	*1	*1
Hydro	286	286	286	286	*286	*286
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*2012	*2012	*2012	*2012	*2012	*2012
<b>Total input</b>	*2012	*2012	*2012	*2012	*2012	*2012
<b>Total production</b>	*655	*652	*652	*652	*652	*652
<b>Estimated efficiency (% of production to input)</b>	33	32	32	32	32	32

**Statistics on electricity**
**Malaysia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	106927	107116	116808	124894	134421	138331
Combustible fuels	99737	100491	110556	117269	125319	127604
Hydro	7190	6625	6251	7624	9054	10586
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	48	141
Main activity	104923	105203	114920	119761	128267	133311
Combustible fuels	97733	98578	108668	112136	119165	122584
Hydro	7190	6625	6251	7624	9054	10586
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	48	141
Own use in electricity, CHP and heat plants	2004	1914	1892	12779	11543	11366
Net production	104923	105202	114916	112115	122878	126965
Imports	0	0	0	370	100	221
Exports	469	92	148	10	15	23
Losses	*2638	3992	8200	0	0	..
Consumption	*92827	*96360	*110853	107341	116353	123076
Energy industries own use	..	..	..	..	..	..
By industry and construction	42851	43244	52715	47017	52414	55886
By transport	*174	*140	*209	214	241	241
By households and other cons.	*49802	*52976	*57929	60110	63698	66949
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	23354	*25398	*25399	28750	29198	31817
Combustible fuels	21234	*23278	*23278	25734	25826	27725
Hydro	2120	*2120	*2120	3015	3317	3931
Nuclear	..	..	..	..	..	..
Other	..	..	*1	*1	*55	*161
Main activity	21949	*23993	*23994	25752	26024	28780
Combustible fuels	19829	*21873	*21873	22736	22652	24688
Hydro	2120	*2120	*2120	3015	3317	3931
Nuclear	..	..	..	..	..	..
Other	..	..	*1	*1	*55	*161
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	297190	433698	530035	532564	578591	553591
Gas-diesel oil	15308	20167	26101	49966	35389	27348
Fuel oil	7353	*8363	*5090	44925	22382	15958
Natural gas	614665	618560	754903	531627	555449	695829
Vegetal waste	..	*16762	*14400	*15048	*11405	*15955
<b>Total input</b>	934516	1097550	1330530	1174129	1203215	1308681
<b>Total production</b>	359052	361767	398003	422168	451148	459374
<b>Estimated efficiency (% of production to input)</b>	38	33	30	36	37	35

## Statistics on electricity

### Maldives

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	280	298	256	274	297	303
Combustible fuels	280	298	256	274	297	303
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	280	298	256	274	297	303
Combustible fuels	280	298	256	274	297	303
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	10	10	9	9	10	13
Net production	270	288	247	265	287	290
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*18	*19	*15	*15	*16	*16
Consumption	*252	*270	*232	*250	*271	*273
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*252	*270	*232	*250	*271	*273
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	75	75	77	78	81	81
Combustible fuels	75	75	77	78	81	81
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	75	75	77	78	81	81
Combustible fuels	75	75	77	78	81	81
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*3083	3225	2765	*2993	*3216	*3225
<b>Total input</b>	*3083	3225	2765	*2993	*3216	*3225
<b>Total production</b>	1008	1074	921	985	1070	1090
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	34

**Statistics on electricity**
**Mali**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1481	1175	1292	1381	1363	1510
Combustible fuels	815	323	597	654	579	532
Hydro	666	851	695	727	783	978
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1430	1123	1240	1329	1311	1458
Combustible fuels	764	271	545	602	527	480
Hydro	666	851	695	727	783	978
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	1481	1175	1292	1381	1363	1510
Imports	..	..	..	..	..	..
Exports	333	348	368	*368	*368	*300
Losses	*115	*123	*132	*133	*135	131
Consumption	1033	1104	1191	*1201	*1215	1281
Energy industries own use	..	..	..	..	..	..
By industry and construction	570	625	639	*640	*640	641
By transport	..	..	..	..	..	..
By households and other cons.	*463	*479	*552	*561	*575	640
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	468	540	579	655	689	811
Combustible fuels	216	193	225	291	323	363
Hydro	252	348	354	365	367	448
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	403	443	482	558	592	714
Combustible fuels	151	96	128	194	226	266
Hydro	252	348	354	365	367	448
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*6652	*3956	*6063	*7095	*6278	*6536
Fuel oil	*2020	*808	*808	*808	*808	*808
<b>Total input</b>	*8672	*4764	*6871	*7903	*7086	*7344
<b>Total production</b>	2934	1164	2149	2356	2085	1914
<b>Estimated efficiency (% of production to input)</b>	34	24	31	30	29	26

## Statistics on electricity

### Malta

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2312	2168	2115	2194	2307	2254
Combustible fuels	2312	2168	2115	2183	2277	2222
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	11	30	32
Main activity	2312	2168	2113	2189	2281	2216
Combustible fuels	2312	2168	2113	2181	2268	2216
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	8	13	0
Own use in electricity, CHP and heat plants	127	122	123	133	135	114
Net production	2185	2046	1992	2061	2172	2140
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	332	339	192	212	251	249
Consumption	1853	1707	1800	1849	1921	1891
Energy industries own use	..	..	..	..	..	..
By industry and construction	558	509	384	383	391	384
By transport	0	..	..	..	..	..
By households and other cons.	1295	1198	1416	1466	1530	1507
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	571	572	574	575	590	626
Combustible fuels	571	572	573	573	574	574
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	1	2	16	52
Main activity	571	571	572	573	587	603
Combustible fuels	571	571	571	571	571	571
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	1	2	16	32
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Biogas	0	0	0	26	80	59
Gas-diesel oil	3225	3311	3182	2795	2881	2752
Fuel oil	22786	21129	21008	21452	23109	18867
<b>Total input</b>	26011	24440	24190	24273	26070	21678
<b>Total production</b>	8323	7805	7614	7859	8197	7999
<b>Estimated efficiency (% of production to input)</b>	32	32	31	32	31	37

Statistics on electricity

Marshall Islands

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*109	*111	*114	*114	*114	*114
Combustible fuels	*109	*111	*114	*114	*114	*114
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*109	*111	*114	*114	*114	*114
Combustible fuels	*109	*111	*114	*114	*114	*114
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*109	*111	*114	*114	*114	*114
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*109	*111	*114	*114	*114	*114
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*109	*111	*114	*114	*114	*114
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*17	*17	*17	*17	*17	*17
Combustible fuels	*17	*17	*17	*17	*17	*17
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*17	*17	*17	*17	*17	*17
Combustible fuels	*17	*17	*17	*17	*17	*17
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*1379	*1417	*1455	*1455	*1455	*1455
<b>Total input</b>	*1379	*1417	*1455	*1455	*1455	*1455
<b>Total production</b>	*391	*400	*409	*409	*409	*409
<b>Estimated efficiency (% of production to input)</b>	28	28	28	28	28	28

**Statistics on electricity**
**Martinique**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*1682	*1732	*1808	*1764	*1780	*1764
Combustible fuels	*1641	*1685	*1764	*1720	*1736	*1719
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	41	*47	*45	*45	*45	*46
Main activity	*1652	*1702	*1778	*1734	*1750	*1734
Combustible fuels	*1611	*1655	*1734	*1690	*1706	*1689
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	41	*47	*45	*45	*45	*46
Own use in electricity, CHP and heat plants	78	*79	*78	*74	*77	*76
Net production	*1604	*1653	*1731	*1690	*1703	*1688
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*8	*8	*8	*8	*8	*8
Consumption	*1559	*1550	*1582	*1547	*1558	*1544
Energy industries own use	..	..	..	..	..	..
By industry and construction	*30	*30	*30	*30	*30	*30
By transport	..	..	..	..	..	..
By households and other cons.	*1529	*1520	*1552	*1517	*1528	*1514
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*408	*415	*415	*415	*461	*463
Combustible fuels	*400	*400	*400	*400	*400	*400
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	15	*15	*15	61	63
Main activity	*404	*411	*411	*411	*457	*459
Combustible fuels	*396	*396	*396	*396	*396	*396
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	15	*15	*15	61	63
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*69	*72	*75	*75	*75	*75
Fuel oil	*12042	*12223	*12928	*13705	*13946	*14005
Municipal waste	*432	*432	*432	*432	*432	*432
<b>Total input</b>	*12542	*12726	*13435	*14212	*14452	*14512
<b>Total production</b>	*5909	*6068	*6350	*6191	*6249	*6188
<b>Estimated efficiency (% of production to input)</b>	47	48	47	44	43	43



## Statistics on electricity

### Mauritania

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	659	658	727	744	824	790
Combustible fuels	659	658	727	744	824	790
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	383	381	426	436	501	470
Combustible fuels	383	381	426	436	501	470
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	10	10	11	14	18	35
Net production	649	648	716	731	806	755
Imports	104	109	115	*115	*115	*115
Exports	..	..	..	..	..	..
Losses	124	130	148	139	141	164
Consumption	629	623	669	698	771	706
Energy industries own use	..	..	..	..	..	..
By industry and construction	275	276	301	309	323	212
By transport	..	..	..	..	..	..
By households and other cons.	353	346	368	390	447	494
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	156	166	196	*196	*196	*263
Combustible fuels	156	166	196	*196	*196	*263
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	86	96	126	*126	*126	*193
Combustible fuels	86	96	126	*126	*126	*193
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	3754	3698	3410	*4300	*5010	5010
Fuel oil	2408	2351	2727	*2828	*3232	*3232
<b>Total input</b>	6162	6049	6137	*7128	*8242	8242
<b>Total production</b>	2372	2367	2618	2679	2967	2844
<b>Estimated efficiency (% of production to input)</b>	38	39	43	38	36	35

**Statistics on electricity**
**Mauritius**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2557	2577	2690	2731	2797	2888
Combustible fuels	2449	2453	2586	2671	2718	2786
Hydro	108	122	101	57	74	95
Nuclear	..	..	..	..	..	..
Other	0	2	3	3	5	7
Main activity	942	1077	1100	1130	1146	1178
Combustible fuels	834	953	996	1070	1068	1079
Hydro	108	122	101	57	74	95
Nuclear	..	..	..	..	..	..
Other	0	2	3	3	4	4
Own use in electricity, CHP and heat plants	38	39	40	44	43	0
Net production	2519	2538	2650	2686	2753	2888
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	216	198	194	194	191	184
Consumption	2295	2332	2446	2482	2551	2702
Energy industries own use	250	272	281	264	267	42
By industry and construction	663	626	654	657	662	963
By transport	..	..	..	..	..	..
By households and other cons.	1382	1434	1511	1561	1622	1697
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	726	740	741	738	781	778
Combustible fuels	666	680	680	677	718	714
Hydro	59	59	60	60	60	61
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	1	3	4
Main activity	443	443	444	450	506	501
Combustible fuels	383	383	383	389	445	439
Hydro	59	59	60	60	60	61
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	1	1	1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	15738	14809	16589	15919	16744	17621
Biogas	..	..	..	..	..	240
Gas-diesel oil	86	129	86	86	86	43
Fuel oil	6787	7716	7959	8686	8605	8726
Other kerosene	88	219	263	175	131	44
Bagasse	10046	8772	8803	8641	8324	7075
<b>Total input</b>	32745	31646	33700	33507	33891	33750
<b>Total production</b>	8816	8831	9310	9616	9784	10030
<b>Estimated efficiency (% of production to input)</b>	27	28	28	29	29	30

## Statistics on electricity

### Mexico

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	261918	261045	271050	295837	293862	297079
Combustible fuels	205602	216483	220162	241296	243707	246916
Hydro	39178	26713	37121	36266	31855	28002
Nuclear	9804	10501	5879	10089	8770	11800
Other	7334	7348	7888	8186	9530	10361
Main activity	235872	235106	242537	266359	261703	258573
Combustible fuels	179865	191171	193135	213610	214053	211432
Hydro	38892	26445	36739	35796	31317	27444
Nuclear	9804	10501	5879	10089	8770	11800
Other	7311	6989	6784	6864	7563	7897
Own use in electricity, CHP and heat plants	10200	11002	10979	16809	12392	9989
Net production	251718	250043	260071	279028	281470	287090
Imports	351	346	397	596	630	1210
Exports	1452	1249	1349	1164	1754	1240
Losses	41409	42452	44252	45602	44050	42520
Consumption	209930	208472	215344	233121	235884	246604
Energy industries own use	7607	7348	7397	7200	6077	5033
By industry and construction	112497	108004	115129	124077	130558	137492
By transport	1111	1116	1191	1122	1130	1130
By households and other cons.	88715	92004	91627	100722	98119	102949
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	58304	59693	62290	61600	62136	63611
Combustible fuels	44383	45320	47736	47070	46707	48047
Hydro	11471	11543	11626	11646	11650	11653
Nuclear	1365	1365	1365	1365	1610	1400
Other	1085	1465	1563	1519	2169	2511
Main activity	51106	51686	52946	52511	52534	53497
Combustible fuels	37348	37888	39028	38673	38015	39161
Hydro	11343	11383	11503	11499	11498	11509
Nuclear	1365	1365	1365	1365	1610	1400
Other	1050	1050	1050	974	1411	1427
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	152530	191926	206822	218316	217294	200844
Biogas	1184	1633	1900	2154	1822	1969
Gas-diesel oil	16297	24123	18791	21930	26230	35518
Fuel oil	417978	390910	366347	411434	433330	432522
Petroleum coke	31915	31753	39163	37928	39293	40073
Natural gas	1097019	1104105	1177440	1259001	1222429	1546753
Coke-oven gas	960	822	838	691	505	764
Blast furnace gas	4138	3587	4772	4649	3205	4199
Vegetal waste	*42159	*45701	*45554	*43045	*53111	*49317
Industrial waste	..	..	..	..	..	5946
Others	..	..	..	..	..	568
<b>Total input</b>	1764180	1794560	1861627	1999147	1997219	2318473
<b>Total production</b>	740167	779339	792583	868666	877345	888898
<b>Estimated efficiency (% of production to input)</b>	42	43	43	43	44	38

**Statistics on electricity**
**Micronesia (Fed. States of)**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	66	70	70	66	*67	*68
Combustible fuels	65	69	68	64	*65	*66
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*2	*2	*2	*2
Main activity	66	70	70	66	*67	*68
Combustible fuels	65	69	68	64	*65	*66
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*2	*2	*2	*2
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	66	70	70	66	*67	*68
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	13	14	14	13	*13	*13
Consumption	*53	*56	*56	*53	*54	*55
Energy industries own use	..	..	..	..	..	..
By industry and construction	*4	*4	*4	*4	*4	*4
By transport	..	..	..	..	..	..
By households and other cons.	*49	*52	*52	*49	*50	*51
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	33	33	33	33	33	33
Combustible fuels	32	32	32	32	32	32
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*2	*2	*2	1
Main activity	33	33	33	33	33	33
Combustible fuels	32	32	32	32	32	32
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*2	*2	*2	1
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	659	730	731	673	*688	*688
<b>Total input</b>	659	730	731	673	*688	*688
<b>Total production</b>	233	249	246	230	*235	*238
<b>Estimated efficiency (% of production to input)</b>	35	34	34	34	34	35

**Statistics on electricity**
**Mongolia**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	4001	4039	4313	4536	4816	5020
Combustible fuels	4001	4039	4313	4536	4816	5020
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3977	4016	4285	4506	4786	4990
Combustible fuels	3977	4016	4285	4506	4786	4990
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	653	649	672	691	712	725
Net production	3348	3390	3641	3845	4104	4294
Imports	198	157	263	276	366	1196
Exports	16	18	22	24	21	18
Losses	436	494	505	644	675	740
Consumption	3094	3034	3375	3454	3773	4732
Energy industries own use	..	..	..	..	..	..
By industry and construction	1918	1883	2094	2141	2339	2931
By transport	129	126	140	144	157	197
By households and other cons.	1047	1025	1141	1169	1277	1605
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	832	832	*832	*910	*910	*950
Combustible fuels	832	832	*832	*910	*910	*950
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	772	772	*772	*850	*850	*880
Combustible fuels	772	772	*772	*850	*850	*880
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	13880	15067	*14267	*13958	*14964	*16460
Brown Coal	60368	62916	*69720	*68166	*73094	*80318
Gas-diesel oil	2064	2021	2408	3096	*2881	3741
Fuel oil	283	202	202	283	283	162
<b>Total input</b>	76595	80206	*86597	*85503	*91222	*100681
<b>Total production</b>	14404	14540	15527	16331	17336	18070
<b>Estimated efficiency (% of production to input)</b>	19	18	18	19	19	18

## Statistics on electricity

### Montenegro

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2828	2760	4022	2656	2844	3809
Combustible fuels	1289	689	1272	1452	1367	1311
Hydro	1539	2071	2750	1204	1477	2498
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2828	2760	4022	2656	2844	3809
Combustible fuels	1289	689	1272	1452	1367	1311
Hydro	1539	2071	2750	1204	1477	2498
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	141	81	146	153	141	136
Net production	2687	2679	3876	2503	2703	3673
Imports	1571	1151	732	1383	964	388
Exports	108	172	483	431	228	647
Losses	725	717	667	651	695	622
Consumption	3738	3017	3211	3414	3220	2706
Energy industries own use	..	..	..	..	..	..
By industry and construction	2502	1694	1581	2162	1855	1326
By transport	22	18	22	*20	*24	34
By households and other cons.	1214	1305	1608	1232	1341	1346
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	868	868	868	868	868	868
Combustible fuels	210	210	210	210	210	210
Hydro	658	658	658	658	658	658
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	868	868	868	868	868	868
Combustible fuels	210	210	210	210	210	210
Hydro	658	658	658	658	658	658
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	22904	12250	25900	26600	23730	23072
<b>Total input</b>	22904	12250	25900	26600	23730	23072
<b>Total production</b>	4640	2480	4579	5227	4921	4720
<b>Estimated efficiency (% of production to input)</b>	20	20	18	20	21	20

**Statistics on electricity**
**Montserrat**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*23	*23	*23	*23	*23	*23
Combustible fuels	*23	*23	*23	*23	*23	*23
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*23	*23	*23	*23	*23	*23
Combustible fuels	*23	*23	*23	*23	*23	*23
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*2	*2	*2	*2	*2	*2
Net production	*21	*21	*21	*21	*21	*21
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*2	*2	*2	*2	*2	*2
Consumption	*19	*19	*19	*19	*19	*19
Energy industries own use	..	..	..	..	..	..
By industry and construction	*9	*9	*9	*9	*9	*9
By transport	..	..	..	..	..	..
By households and other cons.	*10	*10	*10	*10	*10	*10
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
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	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*237	*237	*237	*237	*237	*237
<b>Total input</b>	*237	*237	*237	*237	*237	*237
<b>Total production</b>	*83	*83	*83	*83	*83	*83
<b>Estimated efficiency (% of production to input)</b>	35	35	35	35	35	35

**Statistics on electricity**
**Morocco**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	20347	20935	22853	24364	26495	28134
Combustible fuels	18689	17592	18563	21533	23951	23663
Hydro	1360	2952	3631	2139	1816	2990
Nuclear	..	..	..	..	..	..
Other	298	391	659	692	728	1481
Main activity	20307	20809	22700	24147	26356	26954
Combustible fuels	18649	17466	18410	21316	23812	22483
Hydro	1360	2952	3631	2139	1816	2990
Nuclear	..	..	..	..	..	..
Other	298	391	659	692	728	1481
Own use in electricity, CHP and heat plants	30	37	43	40	40	98
Net production	20317	20898	22810	24324	26455	28036
Imports	4261	4623	3939	4607	4841	5551
Exports	..	..	..	..	..	151
Losses	2366	2632	2825	3082	3496	4556
Consumption	22212	22889	23924	25849	27800	29768
Energy industries own use	574	505	219	179	241	1383
By industry and construction	8222	8505	9008	9741	*10700	10303
By transport	226	230	280	303	301	322
By households and other cons.	13190	13649	14417	15626	16558	17760
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	5564	6466	6679	6713	7013	7013
Combustible fuels	3721	4496	4688	4693	4993	4993
Hydro	1729	1749	1770	1770	1770	1770
Nuclear	..	..	..	..	..	..
Other	114	221	221	250	250	250
Main activity	5292	6135	6348	6377	6677	6677
Combustible fuels	3449	4165	4357	4357	4657	4657
Hydro	1729	1749	1770	1770	1770	1770
Nuclear	..	..	..	..	..	..
Other	114	221	221	250	250	250
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	113572	105161	111353	117467	117829	115352
Gas-diesel oil	3225	602	1419	1720	989	903
Fuel oil	44521	39188	53207	64882	66066	51308
Petroleum coke	2340	1300	0	0	0	..
Natural gas	20557	22818	24403	31203	42409	44289
<b>Total input</b>	184214	169069	190382	215273	227293	211852
<b>Total production</b>	67280	63331	66825	77520	86225	85187
<b>Estimated efficiency (% of production to input)</b>	37	37	35	36	38	40



**Statistics on electricity**
**Mozambique**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	15127	16963	16666	16830	15166	15645
Combustible fuels	13	13	19	20	21	840
Hydro	15114	16950	16647	16810	15145	14805
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	15127	16963	16309	16482	14903	15382
Combustible fuels	13	13	19	20	21	840
Hydro	15114	16950	16290	16462	14882	14542
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	121	143	144	149	210	220
Net production	15006	16820	16522	16681	14956	15425
Imports	8207	8340	8533	8570	8304	8339
Exports	11212	12700	12075	11954	9791	9058
Losses	2244	2443	2457	2456	2243	2647
Consumption	9969	9569	9831	10141	10939	11605
Energy industries own use	..	..	..	..	..	..
By industry and construction	9025	8466	8574	8681	9448	9295
By transport	..	..	..	..	..	..
By households and other cons.	944	1103	1257	1460	1491	2310
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	2428	2428	2478	2479	2486	2646
Combustible fuels	249	249	249	249	249	359
Hydro	2179	2179	2229	2230	2237	2287
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2428	2428	2428	2429	2436	2596
Combustible fuels	249	249	249	249	249	359
Hydro	2179	2179	2179	2180	2187	2237
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	..	..	..	..	..	*6880
Natural gas	120	170	215	304	357	3026
<b>Total input</b>	120	170	215	304	357	*9906
<b>Total production</b>	47	47	68	72	76	3024
<b>Estimated efficiency (% of production to input)</b>	39	28	32	24	21	31

## Statistics on electricity

### Myanmar

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	6622	6964	8625	10425	10965	12247
Combustible fuels	2551	1708	2436	2907	3199	3424
Hydro	4071	5256	6189	7518	7766	8823
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6622	6964	8625	10425	10923	11302
Combustible fuels	2551	1708	2436	2907	3199	2929
Hydro	4071	5256	6189	7518	7725	8373
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	153	165	155	160	186	182
Net production	6468	6799	8470	10265	10779	12065
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1767	1856	2158	2548	2524	2452
Consumption	4701	4943	6312	7717	8255	9613
Energy industries own use	..	..	..	..	..	..
By industry and construction	2903	2928	3659	4336	4600	5849
By transport	..	..	..	..	..	..
By households and other cons.	1799	2015	2653	3381	3655	3764
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1848	2544	3413	3588	3726	4146
Combustible fuels	901	890	891	895	913	1141
Hydro	947	1654	2522	2693	2813	3005
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1848	2544	3413	3588	3606	3753
Combustible fuels	901	890	891	895	913	920
Hydro	947	1654	2522	2693	2693	2833
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	6837	5263	7482	7482	7817	5212
Gas-diesel oil	516	1247	2150	1634	3440	2580
Natural gas	27382	17393	25029	22922	30948	35264
<b>Total input</b>	34735	23903	34661	32038	42205	43056
<b>Total production</b>	9182	6148	8770	10465	11515	12326
<b>Estimated efficiency (% of production to input)</b>	26	26	25	33	27	29

## Statistics on electricity

### Namibia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2097	1742	1488	1607	1538	1712
Combustible fuels	682	313	224	9	67	72
Hydro	1415	1429	1264	1598	1471	1640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2097	1742	1488	1607	1538	1712
Combustible fuels	682	313	224	9	67	72
Hydro	1415	1429	1264	1598	1471	1640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	381
Net production	2097	1742	1488	1607	1538	1331
Imports	2147	2202	2462	2389	2226	2907
Exports	47	144	207	79	88	89
Losses	369	266	367	*450	*450	369
Consumption	3828	3534	3376	*3467	*3635	3772
Energy industries own use	..	..	..	..	..	..
By industry and construction	663	639	673	*690	*662	786
By transport	..	..	..	..	..	..
By households and other cons.	3165	2895	2703	*2777	*2973	2986
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*467	*467	*467	393	508	487
Combustible fuels	*92	*92	*92	144	167	155
Hydro	*375	*375	*375	249	341	332
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*467	*467	*467	393	508	487
Combustible fuels	*92	*92	*92	144	167	155
Hydro	*375	*375	*375	249	341	332
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	10655	4979	3509	155	826	671
Gas-diesel oil	258	86	86	*86	*86	*86
<b>Total input</b>	10913	5065	3595	241	912	757
<b>Total production</b>	2455	1127	806	32	241	259
<b>Estimated efficiency (% of production to input)</b>	22	22	22	13	26	34

## Statistics on electricity

### Nauru

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	19	21	23	23	24	*24
Combustible fuels	19	21	23	23	24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	19	21	23	23	24	*24
Combustible fuels	19	21	23	23	24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	19	21	23	23	24	*24
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*2	*2	*2	*2	*2	*2
Consumption	*17	*19	*20	21	*21	*22
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*17	*19	*20	21	*21	*22
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*6	*6	*6	5	5	*5
Combustible fuels	*6	*6	*6	5	5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*6	*6	*6	5	5	*5
Combustible fuels	*6	*6	*6	5	5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	222	235	269	276	283	*292
<b>Total input</b>	222	235	269	276	283	*292
<b>Total production</b>	70	76	81	83	85	*87
<b>Estimated efficiency (% of production to input)</b>	31	32	30	30	30	30

## Statistics on electricity

### Nepal

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	2812	3115	3208	3492	3543	3130
Combustible fuels	9	13	3	2	10	10
Hydro	2803	3102	3205	3490	3533	3120
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2774	3073	3164	3433	3459	2993
Combustible fuels	9	13	3	2	10	10
Hydro	2765	3060	3161	3431	3449	2983
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	31	37	30	32	24	40
Net production	2781	3078	3178	3460	3519	3090
Imports	356	639	694	746	793	1072
Exports	46	75	31	4	4	4
Losses	896	1073	1101	1102	1066	745
Consumption	2194	2567	2740	3099	3240	3413
Energy industries own use	..	..	..	..	..	..
By industry and construction	846	960	1002	1124	1168	1222
By transport	5	5	6	7	8	6
By households and other cons.	1343	1602	1732	1968	2064	2185
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*625	*630	*630	*762	*762	*772
Combustible fuels	*57	*57	*57	53	53	53
Hydro	*568	*573	*573	*709	*709	*718
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*472	*475	*475	*607	*607	*617
Combustible fuels	*57	*57	*57	53	53	53
Hydro	*415	*418	*418	*554	*554	*563
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Fuel oil	89	105	57	16	101	89
<b>Total input</b>	89	105	57	16	101	89
<b>Total production</b>	32	47	11	7	36	36
<b>Estimated efficiency (% of production to input)</b>	36	45	19	45	36	41

**Statistics on electricity**
**Netherlands**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	107645	113502	118140	112968	102505	100875
Combustible fuels	98928	104419	109859	103421	93103	91604
Hydro	102	98	105	57	104	114
Nuclear	4169	4228	3969	4141	3915	2891
Other	4446	4757	4207	5349	5383	6266
Main activity	84805	91712	95114	88779	78158	77164
Combustible fuels	77097	83689	87814	80843	70412	69838
Hydro	102	98	105	57	104	114
Nuclear	4169	4228	3969	4141	3915	2891
Other	3437	3697	3226	3738	3727	4321
Own use in electricity, CHP and heat plants	4269	4556	3795	3929	3856	4065
Net production	103376	108946	114345	109039	98649	96810
Imports	24967	15452	15583	20620	32156	33252
Exports	9116	10561	12807	11531	15046	15016
Losses	4659	4405	4450	4610	4490	4487
Consumption	114568	109432	112671	113518	111269	110559
Energy industries own use	5423	5482	5806	6050	4793	4387
By industry and construction	42151	36278	39069	39011	34712	34915
By transport	1612	1664	1728	1731	1795	1747
By households and other cons.	65382	66008	66068	66726	69969	69510
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	24875	25992	26686	28049	29920	30532
Combustible fuels	22050	23083	23743	24970	26518	26520
Hydro	37	37	37	37	37	37
Nuclear	510	510	510	510	510	485
Other	2278	2362	2396	2532	2855	3490
Main activity	19766	20685	21355	21791	23513	23947
Combustible fuels	17476	18336	18993	19609	21203	21390
Hydro	37	37	37	37	37	37
Nuclear	510	510	510	510	510	485
Other	1743	1802	1815	1635	1763	2035
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	212050	216849	203175	190920	221054	227917
Biogas	5713	6979	7599	7465	6923	6485
Gas-diesel oil	559	516	473	430	688	1032
Refinery gas	19206	16038	14999	18860	17127	15642
Natural gas	534632	573756	610476	542429	449058	437315
Coke-oven gas	2560	1800	1991	1834	2211	2303
Blast furnace gas	24098	16509	23632	25114	25059	23533
Fuelwood	*18620	*27400	*30348	*26937	*27330	*16651
Vegetal waste	*7214	*7850	*10440	*10947	*11448	*12466
Municipal waste	54627	54060	54121	59331	71060	73980
Others	7674	1043	544	283	201	161
<b>Total input</b>	886953	922800	957798	884550	832159	817485
<b>Total production</b>	356141	375908	395492	372316	335171	329774
<b>Estimated efficiency (% of production to input)</b>	40	41	41	42	40	40

Statistics on electricity

New Caledonia

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	1881	1945	2131	2267	2288	2506
Combustible fuels	1384	1505	1811	1843	1827	1994
Hydro	460	397	265	375	399	455
Nuclear	..	..	..	..	..	..
Other	37	42	55	49	62	57
Main activity	1880	1944	2131	2256	2264	2299
Combustible fuels	1384	1505	1811	1833	1804	1788
Hydro	460	397	265	375	399	455
Nuclear	..	..	..	..	..	..
Other	36	42	54	49	61	56
Own use in electricity, CHP and heat plants	5	5	23	9	29	1
Net production	1876	1939	2108	2258	2259	2505
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	70	36	60	106	43	107
Consumption	1806	1903	2049	2152	2216	2398
Energy industries own use	..	..	..	..	..	..
By industry and construction	1259	1347	1469	1535	1580	1769
By transport	..	..	..	..	..	..
By households and other cons.	547	556	*579	*617	*636	629
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	444	494	500	498	503	556
Combustible fuels	333	383	383	380	384	437
Hydro	78	78	78	78	78	78
Nuclear	..	..	..	..	..	..
Other	33	33	40	41	41	41
Main activity	443	493	500	494	495	495
Combustible fuels	333	383	383	377	377	377
Hydro	78	78	78	78	78	78
Nuclear	..	..	..	..	..	..
Other	32	32	39	40	41	41
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	1385	2379	*7095	*7327	*7172	7730
Gas-diesel oil	340	344	*344	*430	*559	2722
Fuel oil	13696	13655	*12524	*12524	*12524	12593
Other kerosene	83	201	*175	*131	*88	83
Bitumen	..	..	..	..	..	52
<b>Total input</b>	15504	16579	*20138	*20413	*20343	23180
<b>Total production</b>	4982	5418	6520	6634	6576	7177
<b>Estimated efficiency (% of production to input)</b>	32	33	32	32	32	31

## Statistics on electricity

### New Zealand

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	43838	43453	44876	44465	44255	43256
Combustible fuels	16180	12834	12583	11218	13046	11734
Hydro	22336	24221	24716	25114	22901	23044
Nuclear	..	..	..	..	..	..
Other	5322	6398	7577	8133	8308	8478
Main activity	42514	42136	43485	43177	42886	41851
Combustible fuels	14975	11640	11319	10059	11785	10441
Hydro	22329	24209	24704	25102	22888	23031
Nuclear	..	..	..	..	..	..
Other	5210	6287	7462	8016	8213	8379
Own use in electricity, CHP and heat plants	1532	1373	1419	1357	1459	1381
Net production	42306	42080	43457	43108	42796	41875
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	3130	2992	3101	3009	2976	2903
Consumption	38823	38645	39701	39194	39132	38761
Energy industries own use	500	512	548	593	611	872
By industry and construction	14221	13609	14726	14709	13947	13467
By transport	57	58	60	62	62	62
By households and other cons.	24045	24466	24367	23830	24512	24360
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	9373	9404	9457	9765	9615	9622
Combustible fuels	3066	2929	2929	3138	2988	2738
Hydro	5371	5326	5254	5254	5254	5263
Nuclear	..	..	..	..	..	..
Other	936	1149	1274	1373	1373	1621
Main activity	9112	9151	9206	9514	9364	9371
Combustible fuels	2837	2706	2708	2917	2767	2517
Hydro	5368	5323	5251	5251	5251	5260
Nuclear	..	..	..	..	..	..
Other	907	1122	1247	1346	1346	1594
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	27678	18088	9170	10906	19096	11592
Biogas	2354	2498	2534	2720	2642	2584
Gas-diesel oil	1333	86	0	0	43	43
Natural gas	84171	71231	81987	70248	71157	71128
Coke-oven gas	2101	1907	2181	1836	1846	2130
Blast furnace gas	4950	4857	5591	4921	5530	5541
Fuelwood	3546	3858	3976	3997	3860	3961
<b>Total input</b>	126133	102525	105439	94628	104174	96979
<b>Total production</b>	58248	46202	45299	40385	46966	42242
<b>Estimated efficiency (% of production to input)</b>	46	45	43	43	45	44



**Statistics on electricity**
**Nicaragua**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	3361	3453	3659	3824	4031	4163
Combustible fuels	2505	2749	2690	2896	2759	2466
Hydro	534	297	504	444	419	456
Nuclear	..	..	..	..	..	..
Other	322	407	465	484	853	1241
Main activity	2975	3048	3230	3405	3529	3628
Combustible fuels	2119	2344	2261	2477	2258	1932
Hydro	534	297	504	444	418	455
Nuclear	..	..	..	..	..	..
Other	322	407	465	484	853	1241
Own use in electricity, CHP and heat plants	238	227	299	306	352	400
Net production	3123	3226	3360	3518	3679	3763
Imports	28	2	10	10	20	52
Exports	0	2	43	41	3	16
Losses	715	710	676	674	642	643
Consumption	2472	2520	2641	2821	2944	3196
Energy industries own use	..	..	..	..	..	..
By industry and construction	787	792	928	1010	1078	1065
By transport	..	..	..	..	..	..
By households and other cons.	1685	1728	1713	1811	1866	2131
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	896	983	1074	1110	1288	1292
Combustible fuels	703	749	817	853	870	869
Hydro	105	106	106	106	107	121
Nuclear	..	..	..	..	..	..
Other	88	128	151	151	311	302
Main activity	769	860	951	987	1153	1157
Combustible fuels	576	627	695	731	736	735
Hydro	105	105	105	105	106	120
Nuclear	..	..	..	..	..	..
Other	88	128	151	151	311	302
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	1161	817	559	602	602	473
Fuel oil	19513	21533	20968	22422	20362	17655
Bagasse	*9881	*10090	*9775	*9523	*11670	*15269
Vegetal waste	*605	*1429	*1834	*2196	*2755	*3794
<b>Total input</b>	31160	33869	33136	34743	35389	*37191
<b>Total production</b>	9018	9896	9684	10426	9932	8878
<b>Estimated efficiency (% of production to input)</b>	29	29	29	30	28	24

## Statistics on electricity

### Niger

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	226	254	292	324	392	438
Combustible fuels	226	254	292	324	392	438
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	213	234	269	270	338	399
Combustible fuels	213	234	269	270	338	399
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	39	37	42	42	45	44
Net production	187	217	250	282	347	394
Imports	462	535	551	607	637	602
Exports	2	2	2	4	4	3
Losses	90	115	114	138	157	149
Consumption	555	634	685	747	826	836
Energy industries own use	..	..	..	..	..	..
By industry and construction	203	192	196	225	238	225
By transport	..	..	..	..	..	..
By households and other cons.	352	442	489	521	588	611
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	134	135	*135	*135	*135	*135
Combustible fuels	133	134	*134	*134	*134	*134
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	*1	*1	*1	*1
Main activity	104	105	*105	*105	*105	*105
Combustible fuels	104	105	*105	*105	*105	*105
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	4169	4458	5575	6220	6525	5800
Gas-diesel oil	503	645	899	980	1441	2060
Fuel oil	89	133	137	0	0	0
<b>Total input</b>	4761	5237	6611	7201	7965	7860
<b>Total production</b>	812	914	1051	1166	1410	1576
<b>Estimated efficiency (% of production to input)</b>	17	17	16	16	18	20

**Statistics on electricity**
**Nigeria**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	21110	19777	26121	27034	28706	28961
Combustible fuels	15389	15248	19747	21151	23047	23635
Hydro	5721	4529	6374	5883	5659	5326
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	15642	14655	19356	20032	21271	23690
Combustible fuels	10038	10218	13112	14269	15727	18473
Hydro	5604	4437	6244	5763	5544	5217
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	604	566	748	774	822	829
Net production	20506	19211	25373	26260	27884	28132
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1989	1160	4497	2581	2485	4443
Consumption	18517	18051	20876	23679	25399	23689
Energy industries own use	201	140	216	232	240	202
By industry and construction	3502	3109	3249	3699	3983	3899
By transport	..	..	..	..	..	..
By households and other cons.	14814	14802	17411	19748	21176	19588
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*8469	*8694	*8417	*8902	*8902	*9822
Combustible fuels	*6531	*6764	*6487	*6972	*6972	*7892
Hydro	*1938	*1930	*1930	*1930	*1930	*1930
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*6470	*6625	*6431	*6770	*6770	*7690
Combustible fuels	*4572	*4735	*4541	*4880	*4880	*5800
Hydro	*1898	*1890	*1890	*1890	*1890	*1890
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Natural gas	153890	152480	197470	211510	230470	236350
<b>Total input</b>	153890	152480	197470	211510	230470	236350
<b>Total production</b>	55400	54893	71089	76144	82969	85086
<b>Estimated efficiency (% of production to input)</b>	36	36	36	36	36	36

## Statistics on electricity

### Niue

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*3	*3	*3	*3	*3	*3
Combustible fuels	*3	*3	*3	*3	*3	*3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*3	*3	*3	*3	*3	*3
Combustible fuels	*3	*3	*3	*3	*3	*3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
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	..	..	..	..	..	..
Consumption	*3	*3	*3	*3	*3	*3
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*3	*3	*3	*3	*3	*3
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*1	*1	*1	*1	*1	*1
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*1	*1	*1	*1	*1	*1
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*33	*33	*33	*33	*33	*33
<b>Total input</b>	*33	*33	*33	*33	*33	*33
<b>Total production</b>	*11	*11	*11	*11	*11	*11
<b>Estimated efficiency (% of production to input)</b>	33	33	33	33	33	33

Statistics on electricity

Northern Mariana Islands

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*394	*397	*400	*400	*400	*400
Combustible fuels	*394	*397	*400	*400	*400	*400
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*394	*397	*400	*400	*400	*400
Combustible fuels	*394	*397	*400	*400	*400	*400
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*394	*397	*400	*400	*400	*400
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*88	*89	*90	*90	*90	*90
Consumption	*304	*308	*310	*310	*310	*310
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*304	*308	*310	*310	*310	*310
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*59	*59	*59	*59	*59	*59
Combustible fuels	*59	*59	*59	*59	*59	*59
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*59	*59	*59	*59	*59	*59
Combustible fuels	*59	*59	*59	*59	*59	*59
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
<b>Total input</b>	..	..	..	..	..	..
<b>Total production</b>	*1417	*1429	*1440	*1440	*1440	*1440
<b>Estimated efficiency (% of production to input)</b>	..	..	..	..	..	..

## Statistics on electricity

### Norway

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	142134	131773	123640	127632	147716	134240
Combustible fuels	1070	4644	5454	4716	3354	3174
Hydro	139981	126077	117152	121552	142812	129022
Nuclear	..	..	..	..	..	..
Other	1083	1052	1034	1364	1550	2044
Main activity	135313	122260	113590	118094	139097	125768
Combustible fuels	265	208	303	337	457	479
Hydro	134093	121070	112379	116451	137092	123395
Nuclear	..	..	..	..	..	..
Other	955	982	908	1306	1548	1894
Own use in electricity, CHP and heat plants	637	608	569	570	560	608
Net production	141497	131165	123071	127062	147156	133632
Imports	3412	5651	14673	11255	4190	10136
Exports	17275	14634	7124	14329	22006	15169
Losses	9704	7578	9491	8109	9098	10721
Consumption	117258	113709	120283	115215	119306	116878
Energy industries own use	5237	6422	6832	7826	8612	7608
By industry and construction	50656	41289	44544	44043	43489	43474
By transport	684	660	690	689	684	731
By households and other cons.	60681	65338	68217	62657	66521	65065
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	30557	31255	31688	32082	32860	32860
Combustible fuels	714	1258	1535	1566	1611	1611
Hydro	29413	29539	29693	29969	30509	30509
Nuclear	..	..	..	..	..	..
Other	430	458	460	547	740	740
Main activity	29459	29616	29614	30008	30786	30786
Combustible fuels	526	529	542	573	618	618
Hydro	28525	28651	28634	28910	29450	29450
Nuclear	..	..	..	..	..	..
Other	408	436	438	525	718	718
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	568	671	671	645	568	645
Biogas	156	85	88	82	81	72
Gas-diesel oil	129	129	129	129	172	129
Liquefied petroleum gas	0	0	0	0	0	0
Natural gas	2731	25481	36196	27350	18408	16722
Blast furnace gas	484	292	329	523	694	507
Fuelwood	1680	866	1271	1286	1350	1327
Municipal waste	4140	3146	6880	8910	9500	11647
Industrial waste	103	60	115	115	295	112
Other liquid biofuels	..	..	..	..	..	0
Others	..	..	..	0	0	..
<b>Total input</b>	9991	30730	45679	39040	31068	31161
<b>Total production</b>	3852	16718	19634	16978	12074	11426
<b>Estimated efficiency (% of production to input)</b>	39	54	43	43	39	37

## Statistics on electricity

### Oman

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	16049	18445	19819	21874	25017	26240
Combustible fuels	16049	18445	19819	21874	25017	26240
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	16049	18445	19819	21874	25017	26240
Combustible fuels	16049	18445	19819	21874	25017	26240
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	329	622	659	520	652	579
Net production	15720	17823	19160	21354	24365	25661
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2870	3340	3027	2842	3410	2871
Consumption	12850	14483	16134	18513	20956	22790
Energy industries own use	..	..	..	..	..	..
By industry and construction	983	1175	1541	2584	3436	3686
By transport	..	..	..	..	..	..
By households and other cons.	11867	13308	14593	15929	17520	19104
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	3859	4202	4265	4861	5808	6598
Combustible fuels	3859	4202	4265	4861	5808	6598
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3859	4202	4265	4861	5808	6598
Combustible fuels	3859	4202	4265	4861	5808	6598
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	3741	4601	5461	5676	6278	7009
Natural gas	206101	230855	243816	258630	289917	285971
<b>Total input</b>	209842	235456	249277	264306	296195	292980
<b>Total production</b>	57776	66402	71348	78746	90061	94464
<b>Estimated efficiency (% of production to input)</b>	28	28	29	30	30	32

**Statistics on electricity**
**Pakistan**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	91616	95358	94383	95090	*96126	97792
Combustible fuels	62214	64371	59152	61308	*61716	61865
Hydro	27784	28093	31811	28517	*29857	31173
Nuclear	1618	2894	3420	5265	*4553	4754
Other	..	..	..	..	..	..
Main activity	57185	58544	57169	55416	*55952	57792
Combustible fuels	27783	27557	21938	21634	*21542	21865
Hydro	27784	28093	31811	28517	*29857	31173
Nuclear	1618	2894	3420	5265	*4553	4754
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2077	2303	2239	2550	*3341	3394
Net production	89539	93055	92144	92540	*92785	94398
Imports	227	249	269	274	*375	392
Exports	..	..	..	..	..	..
Losses	19396	18957	15315	16054	*16372	16657
Consumption	70372	74347	77099	76761	*76788	78890
Energy industries own use	..	..	..	..	..	..
By industry and construction	19330	19823	21207	21801	*22313	23297
By transport	5	2	1	1	0	..
By households and other cons.	51037	54522	55891	54959	*54475	55593
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	19785	20921	22477	22797	*23914	*23914
Combustible fuels	12842	13978	15209	15454	*16488	*16488
Hydro	6481	6481	6481	6556	*6541	*6541
Nuclear	462	462	787	787	*885	*885
Other	..	..	..	..	..	..
Main activity	13798	13798	14114	14444	*14553	*14553
Combustible fuels	6855	6855	6846	7101	*7127	*7127
Hydro	6481	6481	6481	6556	*6541	*6541
Nuclear	462	462	787	787	*885	*885
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	2915	3225	2477	2709	*1625	1703
Gas-diesel oil	7112	10737	4300	8308	*8944	9331
Fuel oil	299162	346010	324776	299021	*306353	317342
Natural gas	346089	314128	287024	297593	*313145	297299
<b>Total input</b>	655279	674100	618576	607630	*630068	625675
<b>Total production</b>	223970	231736	212947	220709	*222178	222714
<b>Estimated efficiency (% of production to input)</b>	34	34	34	36	35	36



**Statistics on electricity**
**Palau**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	*109	*101	*98	*96	*96	*96
Combustible fuels	*91	*83	*80	*78	*78	*78
Hydro	*18	*18	*18	*18	*18	*18
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*103	*95	*92	*90	*90	*90
Combustible fuels	*85	*77	*74	*72	*72	*72
Hydro	*18	*18	*18	*18	*18	*18
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*5	*5	*5	*5	*5	*5
Net production	*104	*96	*93	*91	*91	*91
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*20	*20	*20	*20	*20	*20
Consumption	84	76	73	71	*71	*71
Energy industries own use	..	..	..	..	..	..
By industry and construction	*10	*10	*6	6	*6	*6
By transport	..	..	..	..	..	..
By households and other cons.	74	66	67	65	*65	*65
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*52	*52	*52	*52	*52	*52
Combustible fuels	*42	*42	*42	*42	*42	*42
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*50	*50	*50	*50	*50	*50
Combustible fuels	*40	*40	*40	*40	*40	*40
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	*258	*258	*262	*267	*267	*301
Fuel oil	*1172	*1172	*1252	*1273	*1273	*1273
<b>Total input</b>	*1430	*1430	*1515	*1539	*1539	*1574
<b>Total production</b>	*328	*298	*289	*279	*279	*279
<b>Estimated efficiency (% of production to input)</b>	23	21	19	18	18	18

**Statistics on electricity**
**Panama**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	6428	6909	7419	7857	8606	8962
Combustible fuels	2456	3012	3225	3759	3218	3808
Hydro	3972	3897	4194	4098	5388	5154
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6409	6892	7397	7834	8580	8929
Combustible fuels	2437	2995	3203	3736	3192	3775
Hydro	3972	3897	4194	4098	5388	5154
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	7	7	7	8	8	8
Net production	6421	6902	7412	7849	8598	8954
Imports	105	64	71	72	19	75
Exports	32	95	39	8	59	71
Losses	908	908	1080	1080	1177	1206
Consumption	5567	6018	6388	6695	7176	7511
Energy industries own use	..	..	..	..	..	..
By industry and construction	506	570	651	660	695	706
By transport	..	..	..	..	..	..
By households and other cons.	5061	5448	5737	6035	6481	6805
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	1658	1819	1976	2391	2422	2546
Combustible fuels	789	940	1040	1040	954	1032
Hydro	869	879	936	1351	1468	1494
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	20
Main activity	1453	1603	1752	2167	2198	2333
Combustible fuels	646	785	881	881	795	879
Hydro	807	818	871	1286	1403	1434
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	20
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	..	..	..	6115	8333	8798
Gas-diesel oil	4945	5203	8084	10062	3010	5676
Fuel oil	18261	22503	21695	20038	18301	12484
Bagasse	2439	1992	2189	2221	2476	3081
<b>Total input</b>	25645	29698	31968	38436	32121	30038
<b>Total production</b>	8842	10843	11610	13534	11583	13708
<b>Estimated efficiency (% of production to input)</b>	34	37	36	35	36	46

Statistics on electricity

Papua New Guinea

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	3131	3341	3425	3525	*3525	*4176
Combustible fuels	2276	2487	2439	2539	*2539	*3175
Hydro	855	854	987	987	*987	1000
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	725	770	960	960	*960	977
Combustible fuels	230	276	334	334	*334	337
Hydro	495	494	627	627	*627	640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	105	111	100	102	*102	*116
Net production	3026	3230	3325	3423	*3423	*4060
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*240	190	196	196	*196	*200
Consumption	*2930	3103	3224	3259	3329	3926
Energy industries own use	..	..	..	..	..	..
By industry and construction	*2045	2268	2362	2362	2432	2985
By transport	..	..	..	..	..	..
By households and other cons.	*885	*835	*862	*897	*897	*942
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*697	*707	*732	*732	*732	*802
Combustible fuels	*459	*469	*478	*478	*478	*548
Hydro	*238	*238	254	254	*254	*254
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*272	*272	273	273	*273	*273
Combustible fuels	*109	*109	118	118	*118	*118
Hydro	*163	*163	155	155	*155	*155
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	9460	11180	10320	10965	4312	8625
Fuel oil	12120	12605	12524	12928	17920	15072
Natural gas	5658	5658	5658	5896	5024	5150
<b>Total input</b>	27238	29443	28502	29789	27256	28847
<b>Total production</b>	8194	8951	8779	9139	*9139	*11431
<b>Estimated efficiency (% of production to input)</b>	30	30	31	31	34	40

**Statistics on electricity**
**Paraguay**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	55454	54950	54066	57625	60237	60381
Combustible fuels	1	1	1	1	3	3
Hydro	55454	54949	54065	57624	60234	60378
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	55454	54950	54066	57625	60237	60381
Combustible fuels	1	1	1	1	3	3
Hydro	55454	54949	54065	57624	60234	60378
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	274	245	456	501	507	506
Net production	55181	54705	53610	57124	59730	59875
Imports	0	..	..	..	..	..
Exports	46292	45123	43378	46120	47663	47365
Losses	2913	3130	3362	3433	3845	3492
Consumption	5975	6451	6870	7571	8222	9017
Energy industries own use	..	..	..	..	..	..
By industry and construction	2672	2736	2889	3114	3343	3567
By transport	..	..	..	..	..	..
By households and other cons.	3302	3716	3980	4456	4879	5451
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	8116	8816	8816	8816	8816	8825
Combustible fuels	6	6	6	6	6	15
Hydro	8110	8810	8810	8810	8810	8810
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	8116	8816	8816	8816	8816	8825
Combustible fuels	6	6	6	6	6	15
Hydro	8110	8810	8810	8810	8810	8810
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Gas-diesel oil	4	4	5	6	22	22
<b>Total input</b>	4	4	5	6	22	22
<b>Total production</b>	2	2	3	3	11	11
<b>Estimated efficiency (% of production to input)</b>	53	54	56	48	51	51

## Statistics on electricity

### Peru

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	32430	32929	35890	*39223	39909	43330
Combustible fuels	13389	13437	15847	17248	*17816	20812
Hydro	19040	19491	20042	*21974	22032	22320
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	61	198
Main activity	30562	30907	33529	*36666	37234	40665
Combustible fuels	11953	11899	13970	15220	*15682	18757
Hydro	18608	19007	19558	*21444	21491	21709
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	61	198
Own use in electricity, CHP and heat plants	535	499	563	332	564	564
Net production	31895	32430	35327	*38891	39345	42766
Imports	0	0	0	6	5	0
Exports	0	63	112	0	2	0
Losses	2658	2686	3634	2277	3380	*3459
Consumption	29238	29681	34297	36619	35969	39307
Energy industries own use	..	..	..	..	..	..
By industry and construction	16031	15538	16789	18060	19027	20792
By transport	0	0	2715	3415	3	3
By households and other cons.	13207	14143	14793	15144	16939	18511
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	7158	7983	8614	8691	9699	11051
Combustible fuels	3915	4709	5175	5240	6134	7414
Hydro	3242	3273	3438	3451	3484	3556
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	81	81
Main activity	5998	6724	7310	7314	8267	9635
Combustible fuels	2845	3540	3964	3957	4806	6104
Hydro	3152	3183	3345	3357	3381	3451
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	81	81
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	9262	9520	10578	10475	8488	11636
Biogas	0	0	0	0	877	806
Gas-diesel oil	10535	7353	7095	7009	7955	5633
Fuel oil	16281	13776	18988	21897	8201	8565
Refinery gas	198	198	198	1238	1238	1287
Natural gas	94979	114228	145576	149954	164487	150325
Bagasse	..	..	..	12502	10324	15622
Vegetal waste	5549	6622	8358	..	..	..
Biodiesel	..	110	258	0	0	0
<b>Total input</b>	136804	151808	191051	203074	201570	193873
<b>Total production</b>	48200	48373	57049	62092	*64138	74925
<b>Estimated efficiency (% of production to input)</b>	35	32	30	31	32	39

**Statistics on electricity**
**Philippines**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	60855	61968	67777	69210	72956	75300
Combustible fuels	40210	41774	49964	49463	52360	55592
Hydro	9860	9805	7820	9715	10269	10036
Nuclear	..	..	..	..	..	..
Other	10785	10389	9992	10032	10327	9672
Main activity	60821	61934	67743	69176	72922	75266
Combustible fuels	40193	41757	49947	49446	52343	55575
Hydro	9843	9788	7803	9698	10252	10019
Nuclear	..	..	..	..	..	..
Other	10785	10389	9992	10032	10327	9672
Own use in electricity, CHP and heat plants	3935	3524	4677	5399	5351	5545
Net production	56920	58444	63100	63811	67605	69755
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	7680	7542	7800	7680	8360	7741
Consumption	49205	50868	55266	56098	59211	61566
Energy industries own use	..	..	..	..	..	..
By industry and construction	17031	17084	18576	19334	20071	20677
By transport	111	111	109	111	117	112
By households and other cons.	32063	33673	36581	36653	39023	40777
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	15706	15635	16386	16189	17052	*17052
Combustible fuels	10407	10311	10931	10782	11514	*11514
Hydro	3307	3307	3416	3507	3537	*3537
Nuclear	..	..	..	..	..	..
Other	1992	2017	2039	1900	2001	*2001
Main activity	15680	15609	16360	16163	17026	*17026
Combustible fuels	10397	10301	10921	10772	11504	*11504
Hydro	3291	3291	3400	3491	3521	*3521
Nuclear	..	..	..	..	..	..
Other	1992	2017	2039	1900	2001	*2001
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Brown Coal	118259	117831	135003	153457	167122	207068
Gas-diesel oil	10286	11507	14573	7994	8544	10913
Fuel oil	32821	38764	48617	25973	32869	35055
Natural gas	140347	146914	137502	147207	141006	128778
Bagasse	..	..	180	998	2035	2122
Municipal waste	..	167	175	533	450	729
Biodiesel	78	204	256	55	152	193
<b>Total input</b>	301791	315387	336307	336217	352179	384859
<b>Total production</b>	144756	150387	179871	178068	188497	200131
<b>Estimated efficiency (% of production to input)</b>	48	48	53	53	54	52

## Statistics on electricity

### Poland

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	155305	151720	157657	163548	162139	164557
Combustible fuels	151721	147669	152422	157477	154845	155444
Hydro	2747	2974	3488	2761	2465	2997
Nuclear	..	..	..	..	..	..
Other	837	1077	1747	3310	4829	6116
Main activity	148564	144838	149691	155206	153690	155640
Combustible fuels	144982	140789	144541	149242	146480	146642
Hydro	2745	2972	3486	2759	2463	2994
Nuclear	..	..	..	..	..	..
Other	837	1077	1664	3205	4747	6004
Own use in electricity, CHP and heat plants	13831	13829	14200	14635	14490	14514
Net production	141474	137891	143457	148913	147649	150043
Imports	9034	7403	6310	6780	9803	7801
Exports	9703	9594	7664	12022	12643	12322
Losses	12589	12533	11851	10638	10884	10247
Consumption	128216	123167	130252	133033	133925	135275
Energy industries own use	10584	10450	11189	11058	11251	11216
By industry and construction	44255	39801	41825	44615	45219	47828
By transport	3544	3220	3338	3317	3200	3156
By households and other cons.	69833	69696	73900	74043	74255	73075
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	32677	33032	33360	34554	35283	35815
Combustible fuels	29816	29985	29908	30405	30365	30027
Hydro	2335	2338	2342	2346	2351	2355
Nuclear	..	..	..	..	..	..
Other	526	709	1110	1803	2567	3433
Main activity	31054	31375	31564	32823	33514	34009
Combustible fuels	28194	28329	28115	28678	28600	28226
Hydro	2334	2337	2341	2345	2350	2354
Nuclear	..	..	..	..	..	..
Other	526	709	1108	1800	2564	3429
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	1125370	1071164	1140592	1133678	1040204	1049544
Brown Coal	820582	784364	779758	864766	886018	910462
Biogas	3017	3096	2763	3312	4204	4872
Fuel oil	19715	18907	20927	16402	14665	12726
Natural gas	44900	45628	45252	53135	57640	47363
Coke-oven gas	23570	18525	20215	17958	17309	19410
Blast furnace gas	9766	7443	9954	11001	11328	11729
Fuelwood	*26794	*40896	*47153	*56619	65251	*64200
Vegetal waste	*9360	*12251	*17088	*21502	*39850	*21400
Other recovered gases	4502	4813	5026	5332	5202	5247
Others	2278	2874	3540	3096	2869	3076
<b>Total input</b>	2089854	2009961	2092268	2186801	2144540	2150029
<b>Total production</b>	546196	531608	548719	566917	557442	559598
<b>Estimated efficiency (% of production to input)</b>	26	26	26	26	26	26

## Statistics on electricity

### Portugal

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	45969	50207	54090	52463	46614	51672
Combustible fuels	32686	33277	27950	30693	29151	24110
Hydro	7296	9009	16547	12115	6660	14868
Nuclear	..	..	..	..	..	..
Other	5987	7921	9593	9655	10803	12694
Main activity	39927	43693	46348	44116	38270	42662
Combustible fuels	26658	26779	20230	22442	20967	15330
Hydro	7282	8993	16528	12101	6650	14848
Nuclear	..	..	..	..	..	..
Other	5987	7921	9590	9573	10653	12484
Own use in electricity, CHP and heat plants	1390	1489	1308	1335	1361	1261
Net production	44579	48718	52782	51128	45253	50411
Imports	10744	7598	5814	6742	10766	8100
Exports	1313	2822	3191	3929	2871	5324
Losses	4184	3792	4280	4090	4707	5455
Consumption	49826	49702	51125	49851	48441	47732
Energy industries own use	1474	1847	1237	1487	2200	2475
By industry and construction	17617	16173	17468	16957	15932	15993
By transport	502	483	475	404	401	390
By households and other cons.	30233	31199	31945	31003	29908	28874
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	15766	17403	18932	19924	19752	18905
Combustible fuels	7767	8846	9871	9936	9360	8308
Hydro	5058	5091	5106	5535	5717	5666
Nuclear	..	..	..	..	..	..
Other	2941	3466	3955	4453	4675	4931
Main activity	14264	15718	17106	17969	17640	16846
Combustible fuels	6270	7167	8051	8051	7357	6409
Hydro	5053	5085	5100	5529	5711	5660
Nuclear	..	..	..	..	..	..
Other	2941	3466	3955	4389	4572	4777
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	104026	119660	67338	95254	124769	113830
Biogas	962	996	1287	1883	2362	2736
Gas-diesel oil	903	946	1161	860	860	860
Fuel oil	37168	29856	23109	19796	15958	11393
Refinery gas	1139	941	1485	743	941	1188
Natural gas	118841	119662	129071	127891	98507	79197
Vegetal waste	*7143	*8058	*8115	*8748	*8891	*8996
Municipal waste	7652	8293	8030	8245	7197	8097
Industrial waste	116	83	343	216	127	101
Biodiesel	..	..	..	..	..	37
<b>Total input</b>	277949	288495	239939	263635	259611	226434
<b>Total production</b>	117670	119797	100620	110495	104944	86796
<b>Estimated efficiency (% of production to input)</b>	42	42	42	42	40	38



**Statistics on electricity**
**Puerto Rico**

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	23117	23239	23497	22507	22556	21743
Combustible fuels	22961	23069	23365	22358	22429	21509
Hydro	156	170	133	150	125	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	2	144
Main activity	22867	22989	23247	22257	22306	21493
Combustible fuels	22711	22819	23115	22108	22179	21259
Hydro	156	170	133	150	125	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	2	144
Own use in electricity, CHP and heat plants	846	1226	688	618	1102	484
Net production	22271	22013	22809	21890	21454	21259
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*970	*1789	*1855	*1663	*1622	*1303
Consumption	21051	19975	20704	19977	19582	19706
Energy industries own use	..	..	..	..	..	..
By industry and construction	3743	3290	3048	2882	2779	2579
By transport	..	..	..	..	..	..
By households and other cons.	17309	16685	17656	17095	16803	17127
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	5325	5925	5901	5900	5903	6024
Combustible fuels	5169	5825	5801	5800	5800	5800
Hydro	156	100	100	100	100	100
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	*3	124
Main activity	5264	5864	5840	5839	5842	5963
Combustible fuels	5108	5764	5740	5739	5739	5739
Hydro	156	100	100	100	100	100
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	*3	124
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Hard Coal	38700	38700	38700	38700	38700	32327
Fuel oil	*210565	153627	159931	145739	149522	142871
Natural gas	31462	29521	29995	29257	53059	60856
<b>Total input</b>	*280727	221848	228626	213696	241281	236055
<b>Total production</b>	82660	83048	84112	80488	80743	77431
<b>Estimated efficiency (% of production to input)</b>	29	37	37	38	33	33

## Statistics on electricity

### Qatar

Item	2008	2009	2010	2011	2012	2013
<b>Production, trade and consumption</b>	<b>Million kilowatt-hours</b>					
Total main activity and autoproducer	21616	24158	28144	30730	34787	34668
Combustible fuels	21616	24158	28144	30730	34787	34668
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3651	3037	2422	2360	2988	3090
Combustible fuels	3651	3037	2422	2360	2988	3090
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1869	1510	1759	2347	2436	2444
Net production	19747	22648	26385	28383	32351	32224
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1530	1517	1767	624	2168	2159
Consumption	18217	21131	24618	27759	30184	30066
Energy industries own use	..	..	..	..	..	..
By industry and construction	4880	6327	7773	9089	9798	9944
By transport	..	..	..	..	..	..
By households and other cons.	13337	14804	16845	18670	20386	20122
<b>Net installed capacity</b>	<b>Thousand kilowatts</b>					
Total main activity and autoproducer	*4314	*5321	7830	7830	7830	8791
Combustible fuels	*4314	*5321	7830	7830	7830	8791
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*756	*1650	2398	2398	2398	2691
Combustible fuels	*756	*1650	2398	2398	2398	2691
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
<b>Combustible fuel input</b>	<b>Terajoules</b>					
Natural gas	229779	243900	276270	299648	341440	442417
<b>Total input</b>	229779	243900	276270	299648	341440	442417
<b>Total production</b>	77818	86969	101318	110628	125233	124805
<b>Estimated efficiency (% of production to input)</b>	34	36	37	37	37	28