

Statistics on electricity

Gabon

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1834	1850	1963	2057	2198	2400
Combustible fuels	940	906	1056	1217	1290	1500
Hydro	894	944	907	840	908	900
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1639	1652	1752	1838	1966	2149
Combustible fuels	745	708	845	998	1058	1249
Hydro	894	944	907	840	908	900
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	92	70	70	67	75	82
Net production	1742	1780	1893	1990	2123	2318
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	333	358	385	408	432	473
Consumption	1409	1422	1508	1582	1691	1845
Energy industries own use	31	31	33	34	37	40
By industry and construction	372	376	399	421	449	489
By transport	6	6	6	6	7	7
By households and other cons.	1000	1009	1070	1121	1198	1309
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*366	443	443	443	463	627
Combustible fuels	*196	273	273	273	293	*297
Hydro	170	170	170	170	170	330
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	318	373	373	373	393	557
Combustible fuels	*148	203	203	203	223	*227
Hydro	170	170	170	170	170	330
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	3268	2408	2494	2967	3913	4128
Fuel oil	1091	768	404	121	0	0
Natural gas	6356	8635	11787	13431	13515	14824
Fuelwood	*265	*271	*278	*285	*292	*299
Total input	10980	12082	14963	16804	17720	19251
Total production	3384	3262	3802	4381	4644	5400
Estimated efficiency (% of production to input)	31	27	25	26	26	28

Statistics on electricity

Gambia

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	242	242	*245	*256	*266	*261
Combustible fuels	242	242	*245	*256	*266	*261
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	214	214	*217	*226	*236	*230
Combustible fuels	214	214	*217	*226	*236	*230
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	6	6	*6	*6	*7	0
Net production	236	236	*239	*249	*260	*261
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	17	17	*17	*18	*19	*19
Consumption	219	233	*236	*246	*256	*249
Energy industries own use	..	..	..	..	..	..
By industry and construction	*34	32	*32	*34	*35	*35
By transport	..	..	..	..	..	..
By households and other cons.	185	201	*204	*212	*221	*214
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	53	62	*74	*74	*74	*91
Combustible fuels	53	62	*74	*74	*74	*91
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	28	28	*40	*40	*40	*57
Combustible fuels	28	28	*40	*40	*40	*57
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	1892	1634	*1892	*1978	*2021	*2021
Total input	1892	1634	*1892	*1978	*2021	*2021
Total production	871	871	*883	*921	*959	*939
Estimated efficiency (% of production to input)	46	53	47	47	47	46

Statistics on electricity

Georgia

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	8453	8558	10124	10194	9695	10059
Combustible fuels	1291	1146	757	2304	2472	1788
Hydro	7162	7412	9367	7890	7223	8271
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	8453	8558	10124	10194	9695	10059
Combustible fuels	1291	1146	757	2304	2472	1788
Hydro	7162	7412	9367	7890	7223	8271
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	107	363	78	88	226	199
Net production	8346	8195	10046	10106	9469	9860
Imports	558	255	232	477	615	484
Exports	675	740	1492	930	528	450
Losses	1095	1081	1103	1142	1094	805
Consumption	7028	6563	7664	8511	8452	9089
Energy industries own use	1059	705	376	423	284	15
By industry and construction	711	1312	2137	2963	2876	2327
By transport	346	348	546	373	405	282
By households and other cons.	4912	4198	4605	4752	4887	6465
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	4538	*4538	*4538	*4350	*4350	*4350
Combustible fuels	1688	*1688	*1688	*1688	*1688	*1688
Hydro	2850	*2850	*2850	*2662	*2662	*2662
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4538	*4538	*4538	*4350	*4350	*4350
Combustible fuels	1688	*1688	*1688	*1688	*1688	*1688
Hydro	2850	*2850	*2850	*2662	*2662	*2662
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	860	2838	2322	516	0	0
Natural gas	14486	19092	12869	19858	22588	16982
Total input	15346	21930	15191	20374	22588	16982
Total production	4648	4126	2725	8294	8899	6437
Estimated efficiency (% of production to input)	30	19	18	41	39	38

Statistics on electricity

Germany

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	640406	595617	632983	613068	629812	633158
Combustible fuels	418220	388640	413207	410773	423424	422523
Hydro	26469	24682	27353	23511	27849	28782
Nuclear	148495	134932	140556	107971	99460	97290
Other	47222	47363	51867	70813	79079	84563
Main activity	591008	549657	580009	562454	585718	588266
Combustible fuels	370751	344545	362335	362124	381003	379057
Hydro	26127	24317	26975	23184	27499	28600
Nuclear	148495	134932	140556	107971	99460	97290
Other	45635	45863	50143	69175	77756	83319
Own use in electricity, CHP and heat plants	39437	37068	38151	36152	37072	36453
Net production	600969	558549	594832	576916	592740	596705
Imports	41670	41859	42962	51003	46268	39222
Exports	61770	54132	57917	54768	66810	71415
Losses	30118	25003	23974	24799	24562	24474
Consumption	550751	521272	555903	548352	547637	540038
Energy industries own use	23177	24013	23479	22806	21803	21949
By industry and construction	234966	202021	224530	229805	226239	224269
By transport	11137	11633	12119	12151	12084	11985
By households and other cons.	281471	283605	295775	283590	287511	281835
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	143456	151678	162698	175896	177291	186117
Combustible fuels	81788	83245	85823	89421	89649	91368
Hydro	10805	11238	11218	11436	11257	11240
Nuclear	20486	20480	20467	20467	12068	12068
Other	30377	36715	45190	54572	64317	71441
Main activity	133554	141808	152795	166141	170272	176498
Combustible fuels	72299	73791	76351	80050	82912	82072
Hydro	10726	11158	11144	11367	11185	11198
Nuclear	20486	20480	20467	20467	12068	12068
Other	30043	36379	44833	54257	64107	71160
Combustible fuel input	Terajoules					
Hard Coal	1162264	1022299	1093249	1031020	1096474	1152744
Brown Coal	2264458	2215192	2168880	2241736	2373070	2328984
Lignite briquettes	21839	16394	15753	17947	19893	20265
Biogas	94890	104518	122294	148398	190358	214517
Other oil products	42290	43054	35255	25406	29386	28462
Natural gas	847148	780425	822592	771794	692263	616961
Coke-oven gas	18554	14696	18092	14634	17104	19258
Blast furnace gas	74305	42027	72766	68853	67615	73193
Fuelwood	*102346	*102379	*112509	*125705	*135851	*131071
Municipal waste	153724	141740	152444	148154	156878	177360
Others	59713	85757	78789	66588	72724	60004
Total input	4841531	4568482	4692624	4660235	4851616	4822819
Total production	1505592	1399104	1487545	1478783	1524326	1521083
Estimated efficiency (% of production to input)	31	31	32	32	31	32

Statistics on electricity

Ghana

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	8366	8964	10167	11366	12204	13047
Combustible fuels	2170	2087	3171	3805	4133	4814
Hydro	6196	6877	6996	7561	8071	8233
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	8360	8958	10029	11200	12024	12867
Combustible fuels	2164	2081	3033	3639	3953	4634
Hydro	6196	6877	6996	7561	8071	8233
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	60	25	5	191	45	417
Net production	8306	8939	10162	11175	12159	12630
Imports	275	198	106	81	128	27
Exports	538	752	1036	691	667	530
Losses	1844	2088	2361	1378	1465	1544
Consumption	6159	6224	6860	9186	9258	10583
Energy industries own use	..	..	..	..	..	..
By industry and construction	2963	2920	3156	3280	3277	3680
By transport	..	..	..	..	..	4
By households and other cons.	3196	3304	3704	5906	5981	6899
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*2216	*2200	2390	2590	2700	3041
Combustible fuels	1036	1020	1210	1410	1520	1458
Hydro	*1180	*1180	1180	1180	1180	1580
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	3
Main activity	*1981	*1970	2180	2380	2490	2831
Combustible fuels	801	790	1000	1200	1310	1248
Hydro	*1180	*1180	1180	1180	1180	1580
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	3
Combustible fuel input	Terajoules					
Crude oil	24492	22901	29631	11929	31941	36539
Gas-diesel oil	..	..	..	284	606	219
Natural gas	..	..	10377	23404	12854	12140
Total input	24492	22901	40008	35617	45401	48898
Total production	7812	7513	11416	13698	14879	17330
Estimated efficiency (% of production to input)	32	33	29	38	33	35

Statistics on electricity

Gibraltar

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	166	174	177	171	176	189
Combustible fuels	166	174	177	171	176	189
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	166	174	177	171	176	189
Combustible fuels	166	174	177	171	176	189
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	3	3	4	3	4	4
Net production	163	171	173	168	172	185
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	5	5	5	5	5	6
Consumption	163	171	173	167	183	188
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	163	171	173	167	183	188
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	43	43	43	43	43	43
Combustible fuels	43	43	43	43	43	43
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	43	43	43	43	43	43
Combustible fuels	43	43	43	43	43	43
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	1656	1737	1737	1737	1737	1858
Total input	1656	1737	1737	1737	1737	1858
Total production	598	626	637	616	634	680
Estimated efficiency (% of production to input)	36	36	37	35	36	37

Statistics on electricity

Greece

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	63749	61365	57392	59436	60959	57152
Combustible fuels	57353	53127	47035	51236	50824	42981
Hydro	4149	5645	7485	4275	4591	6384
Nuclear	..	..	..	..	..	..
Other	2247	2593	2872	3925	5544	7787
Main activity	62438	59407	54900	56883	58608	55267
Combustible fuels	56042	51169	44543	48683	48473	41096
Hydro	4149	5645	7485	4275	4591	6384
Nuclear	..	..	..	..	..	..
Other	2247	2593	2872	3925	5544	7787
Own use in electricity, CHP and heat plants	4342	5292	4003	5523	7305	4592
Net production	59407	56073	53389	53913	53654	52560
Imports	7575	7600	8517	7180	5954	5788
Exports	1962	3233	2811	3948	4169	3901
Losses	5053	3223	3783	2820	1611	3895
Consumption	59967	57217	55312	54325	53828	50552
Energy industries own use	3321	2504	2192	2531	1811	1761
By industry and construction	15485	14067	14142	14640	11573	11366
By transport	239	232	183	184	189	267
By households and other cons.	40922	40414	38795	36970	40255	37158
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	14253	14627	15312	16524	17751	18855
Combustible fuels	10043	10209	10597	11048	11226	11229
Hydro	3176	3201	3215	3224	3236	3238
Nuclear	..	..	..	..	..	..
Other	1034	1217	1500	2252	3289	4388
Main activity	13727	14085	14790	15984	17229	18328
Combustible fuels	9517	9667	10075	10508	10704	10702
Hydro	3176	3201	3215	3224	3236	3238
Nuclear	..	..	..	..	..	..
Other	1034	1217	1500	2252	3289	4388
Combustible fuel input	Terajoules					
Hard Coal	0	516	4076	877	52	26
Brown Coal	899178	912310	807184	838152	866698	760088
Biogas	1382	2288	1981	2366	3072	2975
Gas-diesel oil	18275	14534	13932	12943	11438	10019
Fuel oil	72518	54459	38986	37128	37774	34623
Liquefied petroleum gas	0	0	142	1750	1419	189
Refinery gas	9306	9207	9603	9356	10692	9455
Natural gas	116078	84511	95857	111198	103109	91617
Industrial waste	168	169	1341	1175	625	883
Total input	1116905	1077994	973102	1014944	1034879	909874
Total production	206471	191257	169326	184450	182966	154732
Estimated efficiency (% of production to input)	18	18	17	18	18	17

Statistics on electricity

Greenland

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	388	406	401	*412	416	416
Combustible fuels	186	152	120	*96	*93	*91
Hydro	202	254	281	*316	323	325
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	332	340	336	*356	361	362
Combustible fuels	130	86	55	*40	*38	*37
Hydro	202	254	281	*316	323	325
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	12	13	13	*14	*13	*15
Net production	376	394	388	*398	403	401
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*34	35	*36	*36	*35	*32
Consumption	301	306	300	320	314	318
Energy industries own use	..	..	..	..	..	..
By industry and construction	65	64	64	63	58	60
By transport	..	..	..	..	..	..
By households and other cons.	236	242	236	258	257	259
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*144	*174	*174	*174	*172	*187
Combustible fuels	*106	*106	*106	*106	*96	*96
Hydro	38	68	68	*68	76	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*128	*158	*158	*158	*156	171
Combustible fuels	*90	*90	*90	*90	*80	*80
Hydro	38	68	68	*68	76	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	1869	1615	1365	1332	1384	*1382
Municipal waste	87	80	90	91	103	102
Total input	1956	1695	1455	1422	1487	*1484
Total production	670	547	432	*346	*335	*328
Estimated efficiency (% of production to input)	34	32	30	24	23	22

Statistics on electricity

Grenada

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	189	203	209	204	200	197
Combustible fuels	189	203	209	204	200	197
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	189	203	209	204	200	197
Combustible fuels	189	203	209	204	200	197
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	7	8	7	7	7	6
Net production	182	195	201	197	193	191
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	9	18	17	16	15	15
Consumption	172	177	185	181	179	176
Energy industries own use	..	..	..	..	..	..
By industry and construction	6	6	6	6	6	6
By transport	..	..	..	..	..	..
By households and other cons.	167	172	179	175	173	170
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	50	49	49	50	49	49
Combustible fuels	50	49	49	50	49	49
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	50	49	49	50	49	49
Combustible fuels	50	49	49	50	49	49
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	1793	1757	1861	1811	2099	2558
Total input	1793	1757	1861	1811	2099	2558
Total production	680	731	751	734	719	708
Estimated efficiency (% of production to input)	38	42	40	41	34	28

Statistics on electricity

Guadeloupe

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*1694	*1709	*1809	*1767	*1805	*1809
Combustible fuels	*1577	*1554	*1634	*1555	*1589	*1541
Hydro	*14	*14	*14	*14	*14	*20
Nuclear	..	..	..	..	..	..
Other	*103	*141	*161	*198	*202	*248
Main activity	*1694	*1709	*1809	*1767	*1805	*1809
Combustible fuels	*1577	*1554	*1634	*1555	*1589	*1541
Hydro	*14	*14	*14	*14	*14	*20
Nuclear	..	..	..	..	..	..
Other	*103	*141	*161	*198	*202	*248
Own use in electricity, CHP and heat plants	*81	*81	*79	*75	*79	*80
Net production	*1613	*1628	*1730	*1692	*1726	*1729
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*80	*80	*80	*80	*80	*80
Consumption	*1533	*1548	*1650	*1612	*1646	*1649
Energy industries own use	..	..	..	..	..	..
By industry and construction	*193	*194	*206	*201	*206	*206
By transport	..	..	..	..	..	..
By households and other cons.	*1340	*1354	*1444	*1411	*1440	*1443
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	416	441	440	467	493	496
Combustible fuels	368	368	359	359	380	380
Hydro	10	10	8	8	9	9
Nuclear	..	..	..	..	..	..
Other	38	63	*73	*100	105	108
Main activity	416	441	440	467	493	496
Combustible fuels	368	368	359	359	380	380
Hydro	10	10	8	8	9	9
Nuclear	..	..	..	..	..	..
Other	38	63	*73	*100	105	108
Combustible fuel input	Terajoules					
Gas-diesel oil	*8901	*9030	*8944	*8944	*8944	*8944
Fuel oil	*7191	*7312	*7393	*7393	*7393	*7434
Total input	*16092	*16342	*16337	*16337	*16337	*16378
Total production	*5677	*5594	*5882	*5598	*5720	*5548
Estimated efficiency (% of production to input)	35	34	36	34	35	34

Statistics on electricity

Guam

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*1878	1868	*1882	*1858	*1799	1736
Combustible fuels	*1878	1868	*1882	*1858	*1799	1736
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*1878	1868	*1882	*1858	*1799	1736
Combustible fuels	*1878	1868	*1882	*1858	*1799	1736
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*105	105	*113	*112	*109	86
Net production	*1773	1763	*1769	*1746	*1690	1650
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*138	*138	*132	*128	*127	101
Consumption	1635	1625	1638	1618	1564	1550
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	1635	1625	1638	1618	1564	1550
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	553	552	552	552	552	552
Combustible fuels	553	552	552	552	552	552
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	553	552	552	552	552	552
Combustible fuels	553	552	552	552	552	552
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Total input	..	..	..	..	..	..
Total production	*6762	6724	*6777	*6689	*6476	6251
Estimated efficiency (% of production to input)	..	..	..	..	..	..

Statistics on electricity

Guatemala

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	8718	9047	8893	9181	9412	9826
Combustible fuels	4749	5718	4773	4759	4708	4959
Hydro	3675	2942	3849	4176	4458	4654
Nuclear	..	..	..	..	..	..
Other	294	387	271	246	246	212
Main activity	8223	8323	8160	8494	8700	9169
Combustible fuels	4277	5016	4062	4094	4019	4326
Hydro	3652	2920	3827	4154	4435	4631
Nuclear	..	..	..	..	..	..
Other	294	387	271	246	246	212
Own use in electricity, CHP and heat plants	255	228	381	344	393	421
Net production	8463	8819	8512	8837	9019	9405
Imports	5	37	362	511	372	313
Exports	76	94	139	193	346	669
Losses	1216	1291	1187	1508	1304	*761
Consumption	7175	7464	7549	7647	7741	8288
Energy industries own use	..	..	..	..	..	..
By industry and construction	2804	3014	3054	3122	3126	3348
By transport	..	..	..	..	..	..
By households and other cons.	4371	4450	4495	4525	4615	4940
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2594	2382	2458	2576	*2796	*2974
Combustible fuels	1773	1555	1556	1640	*1773	*1923
Hydro	777	778	853	*887	*991	*1002
Nuclear	..	..	..	..	..	..
Other	44	49	49	49	*32	*49
Main activity	2283	2007	2072	2122	*2304	*2441
Combustible fuels	1466	1184	1174	1190	*1286	*1395
Hydro	773	774	849	*883	*987	*998
Nuclear	..	..	..	..	..	..
Other	44	49	49	49	*32	*49
Combustible fuel input	Terajoules					
Hard Coal	11636	7585	12668	12694	12823	12828
Gas-diesel oil	172	2193	43	344	86	340
Fuel oil	24967	30058	17412	16524	15716	19331
Bagasse	*25395	*50288	*46597	*72189	*75799	80657
Total input	62170	*90124	*76720	*101750	*104423	113156
Total production	17096	20585	17183	17132	16949	17854
Estimated efficiency (% of production to input)	27	23	22	17	16	16

Statistics on electricity

Guernsey

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	111	174	152	85	68	289
Combustible fuels	111	174	152	85	68	289
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	111	174	152	85	68	289
Combustible fuels	111	174	152	85	68	289
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	111	174	152	85	68	289
Imports	257	210	239	309	313	111
Exports	..	..	..	..	..	..
Losses	27	*29	*29	*18	*18	*22
Consumption	341	355	362	375	*363	*378
Energy industries own use	..	..	..	..	..	..
By industry and construction	37	43	48	53	*50	*54
By transport	..	..	..	..	..	..
By households and other cons.	304	312	315	322	*313	*325
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	116	115	115	115	*115	*115
Combustible fuels	116	115	115	115	*115	*115
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	116	115	115	115	*115	*115
Combustible fuels	116	115	115	115	*115	*115
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	7	14	13	14	*12	*49
Fuel oil	921	1443	1255	692	*606	*2424
Total input	928	1457	1267	706	*618	*2473
Total production	399	625	548	305	245	1040
Estimated efficiency (% of production to input)	43	43	43	43	40	42

Statistics on electricity

Guinea

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*1006	*1003	*957	*890	*1069	*995
Combustible fuels	*511	*541	*483	*476	*579	*513
Hydro	495	462	474	414	490	482
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	667	660	614	548	727	653
Combustible fuels	172	198	140	134	237	171
Hydro	495	462	474	414	490	482
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	188	187	172	166	345	343
Net production	*819	*817	*785	*724	*724	*652
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*182	*180	*167	*154	*154	*154
Consumption	*637	*637	*617	*570	*570	*499
Energy industries own use	..	..	..	..	..	..
By industry and construction	*223	*223	*216	*200	*200	*170
By transport	..	..	..	..	..	..
By households and other cons.	*414	*414	*401	*371	*371	*329
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*440	*423	*432	*385	*394	518
Combustible fuels	*270	*274	*283	*236	*246	370
Hydro	*170	149	149	149	149	149
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*260	243	252	205	214	338
Combustible fuels	*111	115	124	77	87	211
Hydro	*149	128	128	128	128	128
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	*5144	*5193	*5216	*5216	*5131	*3618
Total input	*5144	*5193	*5216	*5216	*5131	*3618
Total production	*1841	*1948	*1740	*1714	*2085	*1848
Estimated efficiency (% of production to input)	36	38	33	33	41	51

Statistics on electricity

Guinea-Bissau

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*30	*31	*32	*33	*34	*35
Combustible fuels	*30	*31	*32	*33	*34	*35
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*23	*24	*25	*26	*26	*27
Combustible fuels	*23	*24	*25	*26	*26	*27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*30	*31	*32	*33	*34	*35
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*30	*31	*32	*33	*34	*35
Energy industries own use	..	..	..	..	..	..
By industry and construction	*17	*18	*18	*19	*20	*20
By transport	..	..	..	..	..	..
By households and other cons.	*13	*13	*14	*14	*15	*15
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	27	27	*27	*27	*27	*27
Combustible fuels	27	27	*27	*27	*27	*27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	25	25	*25	*25	*25	*25
Combustible fuels	25	25	*25	*25	*25	*25
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*412	*476	*502	*494	508	*542
Total input	*412	*476	*502	*494	508	*542
Total production	*107	*111	*115	*119	*123	*127
Estimated efficiency (% of production to input)	26	23	23	24	24	23

Statistics on electricity

Guyana

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	709	723	868	910	942	962
Combustible fuels	709	723	868	910	942	962
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	564	586	568	605	658	660
Combustible fuels	564	586	568	605	658	660
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	24	25	126	130	128	28
Net production	685	699	742	780	815	934
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	209	216	252	263	242	230
Consumption	476	483	477	502	526	704
Energy industries own use	..	..	..	..	..	..
By industry and construction	51	51	147	153	158	235
By transport	..	..	..	..	..	..
By households and other cons.	426	431	330	348	368	469
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	264	342	348	349	363	*383
Combustible fuels	264	342	348	349	363	*383
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	152	163	170	170	182	*192
Combustible fuels	152	163	170	170	182	*192
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	2464	2576	2907	3840	2911	3178
Fuel oil	4844	4723	7022	5979	6832	7329
Bagasse	424	364	246	279	425	513
Total input	7732	7662	10175	10098	10167	11019
Total production	2553	2603	3124	3277	3393	3464
Estimated efficiency (% of production to input)	33	34	31	32	33	31

Statistics on electricity

Haiti

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	486	721	587	974	1148	1105
Combustible fuels	305	514	410	853	927	964
Hydro	181	207	177	121	221	141
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	486	721	587	943	1100	1055
Combustible fuels	305	514	410	822	879	914
Hydro	181	207	177	121	221	141
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	12	17	15	59	28	19
Net production	474	704	572	915	1120	1086
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	257	369	343	627	627	599
Consumption	217	336	228	235	493	456
Energy industries own use	..	..	..	..	..	..
By industry and construction	71	110	75	83	194	171
By transport	..	..	..	..	..	..
By households and other cons.	146	226	153	152	299	285
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	244	240	267	267	267	*340
Combustible fuels	181	178	207	207	207	*262
Hydro	63	62	61	61	61	77
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	221	217	193	193	193	*246
Combustible fuels	158	155	133	133	133	*168
Hydro	63	62	61	61	61	77
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	2623	*2709	2881	*4300	6880	6149
Fuel oil	606	1010	808	*2020	2262	2666
Total input	3229	*3719	3689	*6320	9142	8815
Total production	1098	1850	1476	3071	3337	3470
Estimated efficiency (% of production to input)	34	50	40	49	37	39

Statistics on electricity

Honduras

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6549	6625	6777	7653	7740	8074
Combustible fuels	4258	3828	3697	4721	4615	5025
Hydro	2291	2797	3080	2815	2787	2739
Nuclear	..	..	..	..	..	..
Other	..	..	..	117	338	310
Main activity	6537	6613	6765	7170	7231	7543
Combustible fuels	4246	3816	3685	4238	4106	4494
Hydro	2291	2797	3080	2815	2787	2739
Nuclear	..	..	..	..	..	..
Other	..	..	..	117	338	310
Own use in electricity, CHP and heat plants	12	12	12	14	238	248
Net production	6537	6613	6765	7639	7502	7826
Imports	45	1	22	171	154	268
Exports	12	46	13	127	79	156
Losses	1346	1491	1647	2066	2314	2527
Consumption	5168	5037	5100	5449	5308	5455
Energy industries own use	..	..	..	..	..	..
By industry and construction	1388	1237	1267	1590	1726	1787
By transport	..	..	..	..	..	..
By households and other cons.	3780	3800	3833	3859	3582	3668
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1593	1606	1611	1721	1783	1806
Combustible fuels	1071	1084	1084	1088	1143	1147
Hydro	522	522	527	531	538	558
Nuclear	..	..	..	..	..	..
Other	..	..	0	102	102	102
Main activity	1529	1530	1535	1613	1666	1690
Combustible fuels	1009	1010	1010	982	1028	1032
Hydro	520	520	525	529	536	556
Nuclear	..	..	..	..	..	..
Other	..	..	0	102	102	102
Combustible fuel input	Terajoules					
Hard Coal	..	0	0	1006	929	929
Gas-diesel oil	1333	989	1032	1892	1161	2279
Fuel oil	33815	28765	28320	34582	21493	25048
Bagasse	*2837	*2419	*2304	*9331	*9951	*10454
Total input	37985	32173	31656	46812	33534	38710
Total production	15329	13781	13309	16996	16614	18090
Estimated efficiency (% of production to input)	40	43	42	36	50	47

Statistics on electricity

Hungary

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	40025	35908	37371	36019	34626	30273
Combustible fuels	24788	19922	20887	19485	17842	13915
Hydro	213	228	188	222	213	213
Nuclear	14818	15426	15761	15685	15793	15370
Other	206	332	535	627	778	775
Main activity	39643	35555	36945	35323	34110	29661
Combustible fuels	24407	19570	20462	18790	17334	13360
Hydro	213	228	188	222	213	213
Nuclear	14818	15426	15761	15685	15793	15370
Other	205	331	534	626	770	718
Own use in electricity, CHP and heat plants	2642	2564	2758	2486	2284	2244
Net production	37383	33344	34613	33533	32342	28029
Imports	12774	10972	9897	14664	16970	16635
Exports	8871	5459	4702	8021	9003	4758
Losses	3888	3604	3801	3784	3684	3663
Consumption	37398	35253	36007	36358	34247	36263
Energy industries own use	3071	2103	1800	1818	1435	1407
By industry and construction	9905	8561	9784	9878	8910	14823
By transport	1194	1201	1106	1117	983	1227
By households and other cons.	23228	23388	23317	23545	22919	18806
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8698	8867	8993	9654	9400	8418
Combustible fuels	6572	6670	6645	7264	7007	5987
Hydro	51	53	53	55	56	57
Nuclear	1940	1940	2000	2000	2000	2000
Other	135	204	295	335	337	374
Main activity	8578	8743	8843	9483	9287	8217
Combustible fuels	6453	6547	6497	7097	6906	5831
Hydro	51	53	53	55	56	57
Nuclear	1940	1940	2000	2000	2000	2000
Other	134	203	293	331	325	329
Combustible fuel input	Terajoules					
Brown Coal	132048	124642	123634	132916	129920	131292
Biogas	412	537	845	1931	1608	2269
Gas-diesel oil	172	1591	301	473	645	129
Fuel oil	2828	5252	2788	889	768	566
Natural gas	157211	111963	120759	106501	92333	57652
Coke-oven gas	1153	507	927	1895	2162	1596
Blast furnace gas	2745	2360	3341	3038	2975	1246
Fuelwood	*23741	*26903	*27094	*19982	*16471	*17663
Municipal waste	3862	3860	4458	4030	3842	3923
Industrial waste	64	46	115	578	341	296
Others	5878	5909	7139	754	782	90
Total input	330114	283570	291400	272987	251846	216721
Total production	89237	71719	75193	70146	64231	50094
Estimated efficiency (% of production to input)	27	25	26	26	26	23

Statistics on electricity

Iceland

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	16467	16834	17059	17211	17549	18116
Combustible fuels	2	2	2	2	3	5
Hydro	12427	12279	12592	12507	12337	12863
Nuclear	..	..	..	..	..	..
Other	4038	4553	4465	4702	5209	5248
Main activity	16467	16834	17059	17211	17549	18116
Combustible fuels	2	2	2	2	3	5
Hydro	12427	12279	12592	12507	12337	12863
Nuclear	..	..	..	..	..	..
Other	4038	4553	4465	4702	5209	5248
Own use in electricity, CHP and heat plants	301	313	313	360	329	342
Net production	16166	16521	16746	16851	17220	17774
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	576	508	699	503	486	374
Consumption	15405	15825	15861	16152	16540	16987
Energy industries own use	164	166	154	142	166	166
By industry and construction	13056	13502	13498	13868	14201	14678
By transport	0	0	0	0	18	..
By households and other cons.	2185	2157	2209	2142	2155	2143
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2574	2571	2579	2669	2656	2765
Combustible fuels	120	121	121	120	114	114
Hydro	1879	1875	1883	1884	1877	1984
Nuclear	..	..	..	..	..	..
Other	575	575	575	665	665	667
Main activity	2574	2571	2579	2669	2656	2765
Combustible fuels	120	121	121	120	114	114
Hydro	1879	1875	1883	1884	1877	1984
Nuclear	..	..	..	..	..	..
Other	575	575	575	665	665	667
Combustible fuel input	Terajoules					
Biogas	2	2	0	0	0	0
Gas-diesel oil	43	43	43	43	43	43
Fuel oil	0	0	0	0	0	..
Municipal waste	112	8	0	0	0	0
Total input	157	53	43	43	43	43
Total production	7	7	7	7	11	18
Estimated efficiency (% of production to input)	5	14	17	17	25	42

Statistics on electricity

India

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	842531	899389	954539	973006	1035264	1193480
Combustible fuels	713481	773844	813787	836978	888538	980599
Hydro	114337	106909	114486	103741	113855	141637
Nuclear	14713	18636	26266	32287	32871	34228
Other	..	..	..	..	..	37016
Main activity	746626	796281	844846	844605	906863	1002743
Combustible fuels	617832	670965	704323	708806	760366	792477
Hydro	114081	106680	114257	103512	113626	141508
Nuclear	14713	18636	26266	32287	32871	34228
Other	..	..	..	..	..	34530
Own use in electricity, CHP and heat plants	49977	49706	52380	57238	*57238	81588
Net production	792554	849683	902159	915768	978026	1111892
Imports	5899	5359	5610	8441	5152	5598
Exports	327	519	584	0	0	0
Losses	159409	180321	146063	185193	185306	220257
Consumption	631574	682144	694392	772603	785130	897233
Energy industries own use	..	..	..	..	..	7178
By industry and construction	290027	326252	272589	346469	352291	374278
By transport	12138	12408	14003	14327	14206	15447
By households and other cons.	329409	343484	407800	411807	418633	500330
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	174947	187872	206526	236387	259854	*294873
Combustible fuels	133888	146388	164118	192556	215522	*226449
Hydro	36939	36924	37628	39051	39552	*40061
Nuclear	4120	4560	4780	4780	4780	4780
Other	..	..	0	0	0	*23583
Main activity	147966	159398	173626	199877	223344	*256786
Combustible fuels	106968	117975	131279	156107	179073	*190000
Hydro	36878	36863	37567	38990	39491	*40000
Nuclear	4120	4560	4780	4780	4780	4780
Other	..	..	0	0	0	*22006
Combustible fuel input	Terajoules					
Hard Coal	9424559	10028873	9057993	10587494	11462734	11575351
Brown Coal	385588	390880	418586	448882	522312	*508704
Gas-diesel oil	14448	13029	7138	7224	9202	290293
Fuel oil	183214	184709	33249	26139	*19554	34906
Liquefied petroleum gas	..	..	..	..	..	142
Naphtha	51042	28436	18646	8322	15219	9568
Natural gas	469696	833684	920232	737965	501381	642401
Coke-oven gas	19457	19215	20340	20317	23260	25477
Fuelwood	*101100	*127644	*157824	*189684	*221496	*221900
Vegetal waste	*141000	*127644	*157824	*189684	*221496	*225681
Total input	10790104	11754113	10791832	12215711	12996653	13534422
Total production	2568532	2785838	2929633	3013121	3198737	3530156
Estimated efficiency (% of production to input)	24	24	27	25	25	26

Statistics on electricity

Indonesia

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	149437	157516	169570	182389	196181	216186
Combustible fuels	129612	136833	142752	160593	173957	189835
Hydro	11528	11384	17456	12419	12799	16930
Nuclear	..	..	..	..	..	..
Other	8297	9299	9362	9377	9425	9421
Main activity	148039	155721	151129	148622	155615	169036
Combustible fuels	129002	136119	125944	128934	135670	146602
Hydro	10740	10307	15827	10316	10525	13014
Nuclear	..	..	..	..	..	..
Other	8297	9295	9358	9372	9420	9420
Own use in electricity, CHP and heat plants	5380	5224	6273	6887	5791	5011
Net production	144057	152292	163297	175502	190390	211175
Imports	..	1262	2224	2542	2990	3030
Exports	..	..	..	..	..	..
Losses	15038	15210	15953	16672	17847	20701
Consumption	129018	137597	152805	160517	173991	196967
Energy industries own use	..	..	..	..	..	..
By industry and construction	47969	49219	56083	55375	60176	72153
By transport	81	111	89	88	108	129
By households and other cons.	80968	88267	96633	105054	113707	124685
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	31114	32507	*34244	*40903	53355	55725
Combustible fuels	25003	26251	*27972	*35743	47341	48756
Hydro	5059	5063	5078	*3945	4661	4992
Nuclear	..	..	..	..	..	..
Other	1052	1193	1194	1215	1353	1977
Main activity	26396	26595	*28530	*33979	45253	46788
Combustible fuels	21653	21710	*23629	*29323	39758	40322
Hydro	3691	3695	3710	*3445	4146	4491
Nuclear	..	..	..	..	..	..
Other	1052	1190	1191	1211	1349	1975
Combustible fuel input	Terajoules					
Hard Coal	527765	557383	706791	1143198	1362653	1560332
Brown Coal	*148190	*210574	*113190	*112000	*112000	*112000
Gas-diesel oil	301000	221708	270556	335615	322113	258129
Fuel oil	120715	89526	62418	95869	60600	44521
Natural gas	254754	288561	294735	383947	479651	533975
Fuelwood	*846	*1134	*1674	*3006	*2592	*4104
Charcoal	..	..	..	..	..	2183
Total input	1353270	1368887	1449364	2073635	2339609	2515244
Total production	466603	492599	513907	578135	626245	683406
Estimated efficiency (% of production to input)	34	36	35	28	27	27

Statistics on electricity

Iran (Islamic Rep. of)

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	214530	221372	232965	240052	254276	262434
Combustible fuels	209331	213912	223266	227428	239752	242909
Hydro	5003	7233	9526	12058	12447	14582
Nuclear	..	..	..	327	1847	4546
Other	196	227	173	239	230	397
Main activity	208439	213822	225386	230216	243536	255885
Combustible fuels	203240	206362	215687	217592	229012	236360
Hydro	5003	7233	9526	12058	12447	14582
Nuclear	..	..	..	327	1847	4546
Other	196	227	173	239	230	397
Own use in electricity, CHP and heat plants	8354	8487	8100	8482	8558	9137
Net production	206176	212885	224865	231570	245718	253297
Imports	1684	2068	3015	3656	3897	3707
Exports	3875	6152	6707	8668	11029	11586
Losses	37621	34547	33062	34906	36794	38049
Consumption	166364	174253	188141	191698	201793	208335
Energy industries own use	*2097	*2051	2083	2240	2391	2705
By industry and construction	54685	58368	63060	69143	71989	72852
By transport	246	282	300	354	371	323
By households and other cons.	109335	113551	122699	119961	127041	132455
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	55631	60737	66483	70356	74475	75816
Combustible fuels	47869	52940	57896	60485	63596	64413
Hydro	7673	7705	8488	8746	9746	10266
Nuclear	..	..	..	1020	1020	1020
Other	90	92	100	105	113	117
Main activity	52971	56506	61460	65222	68894	70235
Combustible fuels	45209	48709	52872	55351	58015	58832
Hydro	7673	7705	8488	8746	9746	10266
Nuclear	..	..	..	1020	1020	1020
Other	90	92	100	105	113	117
Combustible fuel input	Terajoules					
Gas-diesel oil	189329	212162	254517	404458	334024	290783
Fuel oil	360004	385456	357904	485568	583780	616625
Natural gas	1693941	1693667	1751653	1517956	1587843	1430042
Coke-oven gas	229	106	0	0	0	35
Blast furnace gas	7444	7336	7028	8480	7980	9088
Total input	2250947	2298727	2371101	2416462	2513627	2346573
Total production	753592	770082	803756	818741	863107	874472
Estimated efficiency (% of production to input)	33	34	34	34	34	37

Statistics on electricity

Iraq

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	36780	46065	48909	54240	61704	73556
Combustible fuels	33295	42837	44142	50100	56280	67766
Hydro	3485	3228	4767	4140	5424	5790
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	36780	46065	48909	54240	61704	73556
Combustible fuels	33295	42837	44142	50100	56280	67766
Hydro	3485	3228	4767	4140	5424	5790
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2329	2454	2411	0	0	0
Net production	34451	43611	46498	54240	61704	73556
Imports	2973	5604	6722	7262	8201	9246
Exports	..	..	..	..	..	..
Losses	18022	18425	*18425	18854	21596	22067
Consumption	25832	35973	40038	42648	48309	60735
Energy industries own use	..	..	..	..	..	..
By industry and construction	4446	5311	5567	8743	8557	10294
By transport	..	..	..	..	..	..
By households and other cons.	21386	30662	34471	33905	39752	50441
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	13079	14384	14171	16952	16952	27110
Combustible fuels	10566	11871	11658	14439	14439	24597
Hydro	2513	2513	2513	2513	2513	2513
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	13079	14384	14171	16952	16952	27110
Combustible fuels	10566	11871	11658	14439	14439	24597
Hydro	2513	2513	2513	2513	2513	2513
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Crude oil	91580	144074	133710	132780	125039	191788
Gas-diesel oil	..	..	..	217623	289089	333508
Fuel oil	109928	141723	162974	213837	282962	306596
Naphtha	4851	4806	3872	0	0	..
Natural gas	104473	118486	144506	221803	218273	264307
Total input	310831	409089	445061	786043	915362	1096199
Total production	119862	154213	158911	180360	202608	243958
Estimated efficiency (% of production to input)	39	38	36	23	22	22

Statistics on electricity

Ireland

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	30239	28313	28602	27472	27596	26122
Combustible fuels	26529	24101	25011	22385	22572	20657
Hydro	1300	1257	776	707	1014	923
Nuclear	..	..	..	..	..	..
Other	2410	2955	2815	4380	4010	4542
Main activity	28360	26480	26655	25510	25472	24064
Combustible fuels	24650	22268	23064	20423	20448	18599
Hydro	1300	1257	776	707	1014	923
Nuclear	..	..	..	..	..	..
Other	2410	2955	2815	4380	4010	4542
Own use in electricity, CHP and heat plants	1321	1188	1162	1109	1121	1025
Net production	28918	27125	27440	26363	26475	25097
Imports	753	939	760	732	784	2508
Exports	303	175	290	242	370	388
Losses	2222	2101	2117	2052	2022	2023
Consumption	27345	26010	25923	25086	24733	24990
Energy industries own use	671	742	503	215	570	789
By industry and construction	7977	8598	9104	9484	9161	9287
By transport	54	45	46	45	45	42
By households and other cons.	18643	16625	16270	15342	14957	14872
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	7229	7432	8310	8587	8588	8796
Combustible fuels	5673	5640	6407	6427	6295	6326
Hydro	526	526	529	529	529	529
Nuclear	..	..	..	..	..	..
Other	1030	1266	1374	1631	1764	1941
Main activity	6938	7131	8001	8260	8256	8460
Combustible fuels	5382	5339	6098	6100	5963	5990
Hydro	526	526	529	529	529	529
Nuclear	..	..	..	..	..	..
Other	1030	1266	1374	1631	1764	1941
Combustible fuel input	Terajoules					
Hard Coal	42596	33721	37900	39964	50826	42518
Peat	29963	31486	26167	24937	30236	26518
Biogas	1861	1994	2095	2014	1974	1721
Gas-diesel oil	473	344	1075	344	301	172
Fuel oil	14100	8282	4323	1697	1656	1414
Refinery gas	248	248	297	297	446	198
Natural gas	130485	128079	140430	115994	105362	97416
Fuelwood	*252	*558	*1020	*1276	*1718	*2141
Municipal waste	..	..	..	..	1799	2044
Total input	219977	204711	213307	186523	194318	174142
Total production	95504	86764	90040	80586	81259	74365
Estimated efficiency (% of production to input)	43	42	42	43	42	43

Statistics on electricity

Isle of Man

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	503	533	498	499	296	*504
Combustible fuels	500	529	495	496	292	*500
Hydro	3	3	3	3	4	*4
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	503	533	498	499	296	*504
Combustible fuels	500	529	495	496	292	*500
Hydro	3	3	3	3	4	*4
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	*54
Net production	503	533	498	499	296	*450
Imports	31	19	45	41	180	*50
Exports	96	114	108	115	48	77
Losses	48	48	48	47	47	*50
Consumption	390	389	387	377	381	373
Energy industries own use	..	..	..	..	..	..
By industry and construction	135	133	137	133	134	137
By transport	..	..	..	..	..	..
By households and other cons.	255	256	250	244	247	236
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	186	182	180	180	180	186
Combustible fuels	185	181	179	179	179	185
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	186	182	180	180	180	186
Combustible fuels	185	181	179	179	179	185
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	145	93	93	96	66	*121
Natural gas	3366	3569	3386	3375	1918	*3587
Municipal waste	*325	*449	*407	*429	*436	*440
Total input	3836	4111	3886	3900	2420	*4148
Total production	1800	1905	1782	1784	1049	*1800
Estimated efficiency (% of production to input)	47	46	46	46	43	43

Statistics on electricity

Israel

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	57002	55008	58591	59679	63003	59941
Combustible fuels	56757	54683	58450	59371	62595	59418
Hydro	16	24	31	29	33	28
Nuclear	..	..	..	..	..	..
Other	229	301	110	279	375	495
Main activity	55176	53192	56873	57855	61488	58562
Combustible fuels	55164	53155	56812	57819	61453	58533
Hydro	12	20	27	24	29	23
Nuclear	..	..	..	..	..	..
Other	..	17	34	12	6	6
Own use in electricity, CHP and heat plants	3975	4467	4875	4962	5252	3103
Net production	53027	50541	53716	54717	57751	56838
Imports	..	..	..	..	..	..
Exports	3666	3783	3966	4222	4434	4677
Losses	1195	1761	1616	1640	1736	2404
Consumption	47774	45443	49103	49512	52223	50623
Energy industries own use	..	..	384	556	419	478
By industry and construction	12506	10533	12488	12015	12448	11546
By transport	..	..	..	..	..	..
By households and other cons.	35268	34910	36231	36941	39356	38599
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	12016	12264	13058	13990	14413	15017
Combustible fuels	12002	12166	12940	13662	14163	14583
Hydro	5	7	7	7	7	8
Nuclear	..	..	..	..	..	..
Other	9	91	111	321	243	426
Main activity	12005	11857	12583	13305	13746	14092
Combustible fuels	12002	11846	12547	13269	13735	14080
Hydro	3	5	5	5	5	6
Nuclear	..	..	..	..	..	..
Other	..	6	31	31	6	6
Combustible fuel input	Terajoules					
Hard Coal	326938	317624	317288	321236	361716	298016
Brown Coal	..	0	0	2310	2156	2408
Biogas	110	115	347	391	777	852
Oil shale	3800	3952	3845	3702	3765	..
Gas-diesel oil	29928	8686	8815	27133	83893	12943
Fuel oil	26422	14867	15110	13615	46339	6504
Other oil products	..	..	..	26009	24160	24160
Natural gas	134699	155310	193347	171628	76692	210485
Fuelwood	..	*448	*367	*411	0	0
Total input	521897	501002	539119	566435	599498	555368
Total production	204325	196859	210420	213736	225342	213905
Estimated efficiency (% of production to input)	39	39	39	38	38	39

Statistics on electricity

Italy

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	319131	292640	302063	302582	299277	289807
Combustible fuels	260414	226033	230472	227711	216811	192237
Hydro	47227	53443	54406	47757	43854	54672
Nuclear	..	..	..	..	..	..
Other	11490	13164	17185	27114	38612	42898
Main activity	300365	272365	278197	279019	283220	273734
Combustible fuels	243074	207033	208049	205528	201786	177113
Hydro	46351	52554	53479	46889	43281	54045
Nuclear	..	..	..	..	..	..
Other	10940	12778	16669	26602	38153	42576
Own use in electricity, CHP and heat plants	12066	11534	11316	11141	11475	10974
Net production	307065	281106	290747	291441	287802	278833
Imports	43433	47070	45987	47519	45407	44338
Exports	3398	2111	1827	1787	2304	2200
Losses	20444	20352	20570	20848	21000	21187
Consumption	326654	305713	314336	316330	309911	299784
Energy industries own use	17337	15697	15023	14502	13169	12386
By industry and construction	141646	120607	127868	128076	120323	114981
By transport	10839	10535	10666	10793	10759	10775
By households and other cons.	156832	158874	160779	162959	165660	161642
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	98626	101447	106488	118443	124234	124750
Combustible fuels	72407	73041	74658	75977	76793	74733
Hydro	21276	21371	21520	21737	21880	22009
Nuclear	..	..	..	..	..	..
Other	4943	7035	10310	20729	25561	28008
Main activity	93057	95333	100325	112667	120039	120448
Combustible fuels	67154	67231	68797	70501	72852	70664
Hydro	21090	21195	21348	21568	21752	21890
Nuclear	..	..	..	..	..	..
Other	4813	6907	10180	20598	25435	27894
Combustible fuel input	Terajoules					
Hard Coal	436510	377944	378125	425055	442393	419972
Biogas	17165	17863	21184	46073	47476	74133
Fuel oil	184426	155217	87628	68034	51510	41006
Refinery gas	32522	31730	34403	37472	36927	32274
Other oil products	162368	108821	167634	148619	139534	105163
Natural gas	1440974	1229672	1295794	1225420	1112248	938888
Blast furnace gas	36849	22107	29591	34635	31494	23404
Fuelwood	*37567	*39573	*35670	*55439	*59714	*78399
Municipal waste	53511	57442	65178	70588	67560	69302
Other liquid biofuels	521	8987	17892	16276	18796	22632
Others	44375	50168	46413	46857	47529	32500
Total input	2446787	2099524	2179511	2174467	2055181	1837674
Total production	937490	813719	829699	819760	780520	692053
Estimated efficiency (% of production to input)	38	39	38	38	38	38

Statistics on electricity

Jamaica

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4499	4208	4217	4171	4156	4256
Combustible fuels	4292	3999	4012	3926	3898	4017
Hydro	158	158	152	152	151	124
Nuclear	..	..	..	..	..	..
Other	49	51	53	92	108	115
Main activity	3144	2880	2807	2760	2615	2343
Combustible fuels	2986	2722	2656	2607	2464	2218
Hydro	158	158	152	152	151	124
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	173	211	16	36	44	115
Net production	4327	3996	4201	4135	4113	4141
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1002	930	902	962	1033	1097
Consumption	3328	3067	3301	3176	3081	*3039
Energy industries own use	..	..	..	..	..	..
By industry and construction	1228	1131	1059	1020	989	*984
By transport	..	..	..	..	..	..
By households and other cons.	2100	1935	2242	2156	2092	*2055
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	813	815	819	840	905	939
Combustible fuels	770	772	776	776	841	867
Hydro	22	23	23	23	23	30
Nuclear	..	..	..	..	..	..
Other	21	21	21	42	42	42
Main activity	596	598	608	611	611	645
Combustible fuels	574	576	586	586	586	612
Hydro	22	23	23	23	23	30
Nuclear	..	..	..	..	..	..
Other	..	..	0	3	3	3
Combustible fuel input	Terajoules					
Gas-diesel oil	10327	10523	10018	10232	9779	7860
Fuel oil	29145	29862	29862	29143	26281	26433
Total input	39473	40385	39880	39375	36060	34294
Total production	15453	14395	14442	14135	14031	14461
Estimated efficiency (% of production to input)	39	36	36	36	39	42

Statistics on electricity

Japan

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1082549	1050326	1117123	1051281	1034328	1045293
Combustible fuels	732970	677484	727762	845298	920334	929027
Hydro	83504	83832	90682	91709	83645	84886
Nuclear	258128	279750	288230	101761	15939	9303
Other	7947	9260	10449	12513	14410	22077
Main activity	957889	925391	974813	907894	890879	890881
Combustible fuels	621286	568399	609841	729016	804867	810329
Hydro	75914	74539	74175	74378	67360	68564
Nuclear	258128	279750	288230	101761	15939	9303
Other	2561	2703	2567	2739	2713	2685
Own use in electricity, CHP and heat plants	42095	40921	42373	37850	40737	37908
Net production	1040454	1009405	1074750	1013431	993591	1007385
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	51312	50526	49387	49007	45380	47518
Consumption	988004	957789	1024253	964916	964974	972848
Energy industries own use	23590	21829	24489	23944	24461	22612
By industry and construction	309901	289061	326364	277054	268385	271223
By transport	18829	18815	18917	18252	18157	18335
By households and other cons.	635684	628084	654483	645666	653971	660678
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	280534	284486	287027	292058	295193	302711
Combustible fuels	180826	183237	183882	186810	190405	192759
Hydro	47341	47243	47736	48418	48934	48932
Nuclear	47935	48847	48960	48960	46148	44264
Other	4432	5159	6449	7870	9706	16756
Main activity	234330	237773	227997	229908	231220	231467
Combustible fuels	140023	142574	135070	136132	139795	141901
Hydro	45871	45840	43367	44168	44652	44676
Nuclear	47935	48847	48960	48960	46148	44264
Other	501	512	600	648	625	626
Combustible fuel input	Terajoules					
Hard Coal	2363796	2252056	2356082	2255617	2422594	2670764
Crude oil	288571	131765	172119	418389	487381	418685
Fuel oil	560792	355843	367882	596425	745016	603010
Refinery gas	64449	61628	61677	59994	59301	70637
Natural gas	2410378	2409107	2510830	3147226	3322164	3356427
Coke-oven gas	71946	68405	77310	67201	70309	76270
Blast furnace gas	187726	185195	225927	209503	224027	237881
Vegetal waste	0	0	*110429	*116418	*123311	*129642
Municipal waste	59548	58929	48684	52125	52035	53610
Black liquor	*87834	*75480	*82658	*77620	*87230	*90572
Others	215724	199617	212334	235459	253201	222293
Total input	6310764	5798025	6225932	7235977	7846569	7929792
Total production	2638692	2438942	2619943	3043073	3313202	3344497
Estimated efficiency (% of production to input)	42	42	42	42	42	42

Statistics on electricity

Jersey

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	38	64	56	46	*47	*47
Combustible fuels	38	64	56	46	*47	*47
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	21	46	41	13	*13	*13
Combustible fuels	21	46	41	13	*13	*13
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	38	64	56	46	*47	*47
Imports	677	661	669	700	*714	*729
Exports	..	..	..	..	..	..
Losses	61	74	77	67	*67	*67
Consumption	652	655	649	677	*692	*707
Energy industries own use	..	..	..	..	..	..
By industry and construction	285	286	285	297	*303	*309
By transport	..	..	..	..	..	..
By households and other cons.	367	369	364	380	*389	*398
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	217	*217	*217	*219	*219	*219
Combustible fuels	217	*217	*217	*219	*219	*219
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	212	*212	*212	*212	*212	*212
Combustible fuels	212	*212	*212	*212	*212	*212
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*212	*129	*106	0	0	0
Fuel oil	*40	*343	*408	*40	*40	*40
Municipal waste	*238	*238	*238	679	*686	*693
Total input	*491	*710	*752	720	*727	*733
Total production	138	230	203	165	*167	*170
Estimated efficiency (% of production to input)	28	32	27	23	23	23

Statistics on electricity

Jordan

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	14160	14272	14777	14647	16596	17263
Combustible fuels	14095	14210	14713	14589	16532	17205
Hydro	62	59	61	55	61	55
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	3
Main activity	13829	14009	14486	14390	16355	16977
Combustible fuels	13764	13947	14422	14332	16291	16919
Hydro	62	59	61	55	61	55
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	3
Own use in electricity, CHP and heat plants	614	536	544	616	619	616
Net production	13546	13736	14233	14031	15977	16647
Imports	547	383	670	1738	784	381
Exports	323	139	58	86	104	59
Losses	1930	2024	1989	2148	2383	2406
Consumption	11789	12247	12919	13599	14352	14571
Energy industries own use	104	99	82	103	107	99
By industry and construction	3024	2907	3242	3446	3431	3425
By transport	..	..	..	..	..	..
By households and other cons.	8661	9241	9595	10050	10814	11047
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2670	2948	3178	3715	3715	*3715
Combustible fuels	2654	2932	3162	3687	3687	*3687
Hydro	12	12	12	12	12	*12
Nuclear	..	..	..	..	..	..
Other	4	4	4	16	16	*16
Main activity	2471	2749	2979	3516	3516	*3516
Combustible fuels	2455	2733	2963	3488	3488	*3488
Hydro	12	12	12	12	12	*12
Nuclear	..	..	..	..	..	..
Other	4	4	4	16	16	*16
Combustible fuel input	Terajoules					
Biogas	108	84	108	96	72	72
Gas-diesel oil	581	654	3844	40755	64999	58961
Fuel oil	22155	13086	34728	52354	54649	53887
Natural gas	126772	143542	106470	40598	30652	37961
Fuelwood	0	0	0	0	0	0
Total input	149616	157365	145150	133804	150372	150881
Total production	50742	51156	52967	52520	59515	61938
Estimated efficiency (% of production to input)	34	33	36	39	40	41

Statistics on electricity

Kazakhstan

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	80327	78710	82646	86586	91207	95368
Combustible fuels	72867	71831	74624	78703	83567	87631
Hydro	7460	6879	8022	7883	7637	7731
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	3	6
Main activity	80327	78710	82646	86586	91207	95367
Combustible fuels	72867	71831	74624	78703	83567	87631
Hydro	7460	6879	8022	7883	7637	7731
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	3	5
Own use in electricity, CHP and heat plants	15277	15041	14788	10165	10575	9619
Net production	65050	63669	67858	76421	80632	85749
Imports	2768	1710	2105	3406	4252	2147
Exports	2483	2378	1560	1809	2933	2996
Losses	7114	6472	6612	6479	7142	11174
Consumption	64393	58142	63017	71296	76307	73896
Energy industries own use	5286	6257	5623	6544	7114	7611
By industry and construction	35722	35943	40121	44372	49846	44838
By transport	5371	2730	3124	3945	3352	2960
By households and other cons.	18014	13212	14149	16435	15995	18487
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*18734	*18734	*18734	*18734	*18736	*18738
Combustible fuels	*16517	*16517	*16517	*16517	*16517	*16517
Hydro	*2217	*2217	*2217	*2217	*2217	*2217
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	*2	*4
Main activity	*18734	*18734	*18734	*18734	*18736	*18738
Combustible fuels	*16517	*16517	*16517	*16517	*16517	*16517
Hydro	*2217	*2217	*2217	*2217	*2217	*2217
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	*2	*4
Combustible fuel input	Terajoules					
Hard Coal	1134478	955684	1009012	1067785	1134865	1213942
Brown Coal	10360	23786	26544	23548	8526	588
Crude oil	4991	85	..	..	..	..
Fuel oil	32239	10625	7514	6585	7838	7151
Natural gas	93787	146934	83969	90739	153271	108738
Total input	1275855	1137113	1127040	1188657	1304499	1330418
Total production	262321	258592	268646	283331	300841	315472
Estimated efficiency (% of production to input)	21	23	24	24	23	24

Statistics on electricity

Kenya

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6456	6507	6976	7560	7852	8448
Combustible fuels	2149	3047	2293	2882	2305	2218
Hydro	3267	2160	3224	3217	4016	4435
Nuclear	..	..	..	..	..	..
Other	1039	1300	1459	1461	1530	1796
Main activity	6456	6507	6976	7560	7852	8448
Combustible fuels	2149	3047	2293	2882	2305	2218
Hydro	3267	2160	3224	3217	4016	4435
Nuclear	..	..	..	..	..	..
Other	1039	1300	1459	1461	1530	1796
Own use in electricity, CHP and heat plants	25	39	30	34	39	49
Net production	6431	6468	6946	7526	7812	8399
Imports	25	39	30	34	39	49
Exports	41	27	30	37	33	36
Losses	1062	1052	1192	1249	1404	1476
Consumption	5704	5767	5729	6500	6760	7296
Energy industries own use	..	..	..	..	..	..
By industry and construction	3341	3375	3401	3636	3686	4438
By transport	..	..	..	..	..	..
By households and other cons.	2363	2392	2328	2864	3074	2858
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1326	1314	1418	1540	1611	1723
Combustible fuels	421	424	495	609	637	715
Hydro	747	730	728	735	770	767
Nuclear	..	..	..	..	..	..
Other	*158	160	195	197	204	242
Main activity	1326	1314	1418	1540	1611	1723
Combustible fuels	421	424	495	609	637	715
Hydro	747	730	728	735	770	767
Nuclear	..	..	..	..	..	..
Other	*158	160	195	197	204	242
Combustible fuel input	Terajoules					
Gas-diesel oil	10707	10320	10578	15308	12255	12943
Fuel oil	20038	13413	18140	15473	12403	6464
Vegetal waste	16800	16800	16800	*16800	*16800	16800
Total input	47545	40533	45518	47581	41458	36207
Total production	7738	10969	8255	10373	8299	7984
Estimated efficiency (% of production to input)	16	27	18	22	20	22

Statistics on electricity

Kiribati

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	23	*22	*24	*24	*24	*24
Combustible fuels	23	*22	*24	*24	*24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	23	*22	*24	*24	*24	*24
Combustible fuels	23	*22	*24	*24	*24	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	*1	*1	*1	*1	*1
Net production	21	*21	*23	*23	*23	*23
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	21	*21	*23	*23	*23	*23
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	21	*21	*23	*23	*23	*23
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*6	*6	*6	*6	*6	*6
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
Main activity	*6	*6	*6	*6	*6	*6
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
Combustible fuel input	Terajoules					
Gas-diesel oil	263	258	282	*282	*282	*280
Total input	263	258	282	*282	*282	*280
Total production	81	*79	*87	*87	*87	*87
Estimated efficiency (% of production to input)	31	31	31	31	31	31

Statistics on electricity

Korea, Dem.Ppl's.Rep.

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	23206	21129	21665	19227	19236	19524
Combustible fuels	9138	8629	8265	6027	5736	5822
Hydro	14068	12500	13400	13200	13500	13702
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	23206	21129	21665	19227	19236	19524
Combustible fuels	9138	8629	8265	6027	5736	5822
Hydro	14068	12500	13400	13200	13500	13702
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2201	2004	2055	1824	1825	1852
Net production	21005	19125	19610	17403	17411	17672
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	3668	3340	3425	3040	3041	3088
Consumption	17337	15785	16185	14363	14370	14584
Energy industries own use	..	..	..	..	..	..
By industry and construction	8669	7893	8093	7182	7185	7292
By transport	..	..	..	..	..	..
By households and other cons.	8668	7892	8092	7181	7185	7292
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*9500	*9500	*9500	*9500	*9500	*9500
Combustible fuels	*4500	*4500	*4500	*4500	*4500	*4500
Hydro	*5000	*5000	*5000	*5000	*5000	*5000
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*9500	*9500	*9500	*9500	*9500	*9500
Combustible fuels	*4500	*4500	*4500	*4500	*4500	*4500
Hydro	*5000	*5000	*5000	*5000	*5000	*5000
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	96776	96879	89836	61662	62694	63623
Brown Coal	9478	9114	8736	6146	5894	5978
Fuel oil	14140	10787	10302	11150	9979	10140
Total input	120394	116780	108874	78958	78567	79741
Total production	32897	31064	29754	21697	20650	20959
Estimated efficiency (% of production to input)	27	27	27	27	26	26

Statistics on electricity

Korea, Republic of

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	446428	454504	499508	523286	534618	541996
Combustible fuels	289111	299668	342502	358505	374116	390858
Hydro	5563	5641	6472	7831	7652	8394
Nuclear	150958	147771	148596	154723	150327	138784
Other	796	1424	1938	2227	2523	3960
Main activity	420363	430618	471026	493596	503660	513833
Combustible fuels	263206	275939	314284	329200	343479	363146
Hydro	5563	5641	6472	7831	7652	8394
Nuclear	150958	147771	148596	154723	150327	138784
Other	636	1267	1674	1842	2202	3509
Own use in electricity, CHP and heat plants	17767	19526	19116	20136	20272	20526
Net production	428661	434978	480392	503150	514346	521470
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	16106	16770	18034	17430	17292	18311
Consumption	411285	418403	462136	485215	497357	503570
Energy industries own use	11688	12704	12791	14602	15952	16445
By industry and construction	200292	199326	228120	246046	250643	255697
By transport	2220	2174	2191	2246	2250	2168
By households and other cons.	197085	204199	219034	222321	228512	229260
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	79860	80611	84700	84654	94282	91997
Combustible fuels	55977	56482	60389	58303	65538	62565
Hydro	5505	5515	5525	6418	6447	6454
Nuclear	17716	17716	17716	18716	20716	20716
Other	662	898	1070	1217	1581	2262
Main activity	74154	74722	79102	78952	87465	85659
Combustible fuels	50440	50706	54913	52800	59086	56730
Hydro	5505	5515	5525	6418	6447	6454
Nuclear	17716	17716	17716	18716	20716	20716
Other	493	785	948	1018	1216	1759
Combustible fuel input	Terajoules					
Hard Coal	1689642	1912219	2014464	2130022	2161498	2162169
Brown Coal	44240	49882	71260	59010	29582	25242
Fuel oil	90496	126088	114736	84274	132754	139663
Naphtha	67996	58740	73025	76051	81613	46903
Petroleum coke	..	..	715	1625	4128	8840
Natural gas	661791	572789	831449	928420	1027978	1054747
Coke-oven gas	12636	11010	24788	31841	22352	23544
Blast furnace gas	91817	78103	110292	135788	119240	102556
Municipal waste	9375	7391	7153	11687	10892	7788
Other recovered gases	13314	8550	11795	15145	15976	14983
Others	10386	11784	15255	28146	27926	27982
Total input	2691693	2836556	3274932	3502009	3633940	3614417
Total production	1040800	1078805	1233007	1290618	1346818	1407089
Estimated efficiency (% of production to input)	39	38	38	37	37	39

Statistics on electricity

Kuwait

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	51749	53216	57029	57457	62655	60982
Combustible fuels	51749	53216	57029	57457	62655	60982
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	51749	53216	57029	57457	62655	60982
Combustible fuels	51749	53216	57029	57457	62655	60982
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	6515	6615	6896	6948	7577	7375
Net production	45234	46601	50133	50509	55078	53607
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	6514	6615	6893	7082	8893	7398
Consumption	38720	39986	43240	43427	46185	46209
Energy industries own use	5428	5592	6016	6045	6451	6430
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	33292	34394	37224	37382	39734	39779
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	10944	12679	12679	14803	14803	15719
Combustible fuels	10944	12679	12679	14803	14803	15719
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	10848	12579	12579	14703	14703	15619
Combustible fuels	10848	12579	12579	14703	14703	15619
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Crude oil	51183	116113	103804	112560	95725	71825
Gas-diesel oil	40119	41237	52374	52761	57534	55986
Fuel oil	338229	347804	266317	268296	292577	284780
Natural gas	157958	165879	225651	249590	259312	256730
Total input	587489	671033	648146	683208	705148	669321
Total production	186296	191578	205304	206845	225558	219535
Estimated efficiency (% of production to input)	32	29	32	30	32	33

Statistics on electricity

Kyrgyzstan

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	11789	11083	12100	15158	15168	14011
Combustible fuels	1665	866	992	1019	989	914
Hydro	10124	10217	11108	14139	14179	13097
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	11789	11083	12100	15158	15168	14004
Combustible fuels	1665	866	992	1019	989	907
Hydro	10124	10217	11108	14139	14179	13097
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	251	265	281	287	305	199
Net production	11538	10818	11819	14871	14863	13812
Imports	102	52	116	174	177	..
Exports	868	1251	1828	2848	1840	377
Losses	3690	2758	2915	3389	3361	2841
Consumption	7078	6852	7078	8712	9591	10322
Energy industries own use	..	..	..	..	..	55
By industry and construction	2028	1893	1764	2000	1985	1464
By transport	..	..	..	..	..	41
By households and other cons.	5050	4959	5314	6712	7606	8762
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3741	3741	3860	*3860	*3860	3860
Combustible fuels	796	796	795	*795	*795	795
Hydro	2945	2945	3065	*3065	*3065	3065
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3740	3740	3859	*3859	*3859	3859
Combustible fuels	796	796	795	*795	*795	795
Hydro	2944	2944	3064	*3064	*3064	3064
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	25568	23375	19092	20950	22549	12384
Brown Coal	..	..	..	..	..	4438
Gas-diesel oil	129	43	43	43	0	..
Fuel oil	1172	4888	2464	2747	2222	1252
Natural gas	8865	3211	3621	2521	3254	382
Total input	35733	31517	25220	26261	28025	18456
Total production	5994	3118	3571	3668	3560	3290
Estimated efficiency (% of production to input)	17	10	14	14	13	18

Statistics on electricity

Lao People's Dem. Rep.

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4172	3874	3755	3802	*3802	4471
Combustible fuels	*300	*300	*300	*300	*300	*300
Hydro	3678	3381	3262	3309	*3309	3976
Nuclear	..	..	..	..	..	..
Other	*193	*193	*193	*193	*193	*195
Main activity	3978	3681	3562	3609	*3609	4276
Combustible fuels	*300	*300	*300	*300	*300	*300
Hydro	3678	3381	3262	3309	*3309	3976
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	495
Net production	4172	3874	3755	3802	*3802	3976
Imports	515	819	999	748	*748	1205
Exports	2277	1939	2020	*2020	*2020	876
Losses	*244	*198	*167	*211	*211	405
Consumption	1578	1901	2228	2399	2853	3363
Energy industries own use	..	..	..	..	..	..
By industry and construction	365	404	495	584	681	1118
By transport	..	..	..	..	..	..
By households and other cons.	1212	1498	1734	1815	2172	2245
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	907	2031	2746	2796	3199	3206
Combustible fuels	*50	*50	*50	*50	*50	*50
Hydro	681	1805	2520	2570	2973	2980
Nuclear	..	..	..	..	..	..
Other	*176	*176	*176	*176	*176	*176
Main activity	731	1855	2570	2620	3023	3030
Combustible fuels	*50	*50	*50	*50	*50	*50
Hydro	681	1805	2520	2570	2973	2980
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	*2451	*2451	*2457	*2457	*2457	*2451
Fuel oil	*889	*889	*889	*889	*889	*889
Total input	*3340	*3340	*3346	*3346	*3346	*3340
Total production	*1080	*1080	*1080	*1080	*1080	*1080
Estimated efficiency (% of production to input)	32	32	32	32	32	32

Statistics on electricity

Latvia

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	5274	5569	6627	6095	6168	6209
Combustible fuels	2106	2062	3058	3137	2347	3177
Hydro	3109	3457	3520	2887	3707	2912
Nuclear	..	..	..	..	..	..
Other	59	50	49	71	114	120
Main activity	5199	5494	6544	6007	5984	5952
Combustible fuels	2045	1999	2990	3058	2170	2926
Hydro	3097	3449	3510	2878	3700	2909
Nuclear	..	..	..	..	..	..
Other	57	46	44	71	114	117
Own use in electricity, CHP and heat plants	368	378	558	531	449	409
Net production	4906	5191	6069	5564	5719	5800
Imports	4643	4259	3973	4009	4935	5005
Exports	2123	2605	3100	2764	3244	3650
Losses	798	741	725	616	559	575
Consumption	6628	6103	6215	6191	6848	6576
Energy industries own use	..	..	..	..	..	..
By industry and construction	1685	1506	1590	1670	1993	1808
By transport	138	121	126	124	129	124
By households and other cons.	4805	4476	4499	4397	4726	4644
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2155	2502	2557	2577	2660	2911
Combustible fuels	591	937	951	965	1023	1255
Hydro	1536	1536	1576	1576	1576	1589
Nuclear	..	..	..	..	..	..
Other	28	29	30	36	61	67
Main activity	2132	2478	2534	2550	2618	2859
Combustible fuels	575	921	935	944	984	1205
Hydro	1531	1531	1571	1571	1573	1587
Nuclear	..	..	..	..	..	..
Other	26	26	28	35	61	67
Combustible fuel input	Terajoules					
Hard Coal	361	439	387	387	490	439
Peat	0	0	0	0	0	39
Biogas	290	310	439	768	1890	2365
Gas-diesel oil	0	0	0	0	0	0
Fuel oil	202	323	202	202	162	121
Other oil products	0	0	0	0	0	..
Natural gas	27413	26708	34695	32210	28994	33458
Fuelwood	656	649	764	819	1837	2668
Biodiesel	0	0	0	37	37	..
Total input	28922	28429	36487	34423	33410	39090
Total production	7582	7423	11009	11293	8449	11437
Estimated efficiency (% of production to input)	26	26	30	33	25	29

Statistics on electricity

Lebanon

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	13356	13771	15712	16365	14826	18153
Combustible fuels	12983	13149	14873	15560	13819	16953
Hydro	373	622	839	805	1007	1200
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	10627	10810	11212	11615	8826	11153
Combustible fuels	10254	10188	10373	10810	7819	9953
Hydro	373	622	839	805	1007	1200
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	13356	13771	15712	16365	14826	18153
Imports	561	1155	1245	840	323	529
Exports	..	..	..	..	..	..
Losses	1678	1789	1869	1868	1372	1795
Consumption	12238	13137	15088	15337	13776	17174
Energy industries own use	..	..	..	..	..	..
By industry and construction	3212	3448	3961	4026	3616	4508
By transport	..	..	..	..	..	..
By households and other cons.	9026	9689	11127	11311	10160	12666
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*2858	2908	3212	3209	3209	3209
Combustible fuels	*2584	2634	2938	2988	2988	2988
Hydro	*274	274	*274	221	221	221
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*2308	2308	2312	2259	2259	2259
Combustible fuels	*2034	2034	2038	2038	2038	2038
Hydro	*274	274	*274	221	221	221
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	80883	77701	86774	102641	115455	118981
Fuel oil	43511	49611	51833	47955	39915	47793
Natural gas	0	1931	9867	0	0	..
Total input	124394	129243	148474	150596	155370	166774
Total production	46739	47336	53543	56016	49748	61031
Estimated efficiency (% of production to input)	38	37	36	37	32	37

Statistics on electricity

Lesotho

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	517	532	567	549	485	515
Combustible fuels	..	..	..	..	..	..
Hydro	517	532	567	549	485	515
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	517	532	567	549	485	515
Combustible fuels	..	..	..	..	..	..
Hydro	517	532	567	549	485	515
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	517	532	567	549	485	515
Imports	77	124	201	220	279	281
Exports	4	2	6	46	21	2
Losses	14	14	*14	*14	*14	*14
Consumption	*536	569	615	651	*666	710
Energy industries own use	..	..	..	..	..	..
By industry and construction	*197	209	224	221	*215	229
By transport	..	..	..	..	..	..
By households and other cons.	*339	360	391	430	*451	481
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	80	80	80	*80	*80	*80
Combustible fuels	..	..	..	..	..	..
Hydro	80	80	80	*80	*80	*80
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	80	80	80	*80	*80	*80
Combustible fuels	..	..	..	..	..	..
Hydro	80	80	80	*80	*80	*80
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Total input	..	..	..	..	..	..
Total production	..	..	..	..	..	..
Estimated efficiency (% of production to input)	..	..	..	..	..	..

Statistics on electricity

Liberia

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*250	*250	*250	*300	*300	*300
Combustible fuels	*250	*250	*250	*300	*300	*300
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*50	*50	*50	*100	*100	*100
Combustible fuels	*50	*50	*50	*100	*100	*100
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*20	*20	*20	*20	*20	*20
Net production	*230	*230	*230	*280	*280	*280
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*15	*15	*15	*24	*24	*24
Consumption	*215	*215	*215	*256	*256	*256
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*215	*215	*215	*256	*256	*256
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*78	*78	*78	*91	*91	*91
Combustible fuels	*78	*78	*78	*91	*91	*91
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*8	*8	*8	*21	*21	*21
Combustible fuels	*8	*8	*8	*21	*21	*21
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*1759	*1310	*1946	*2137	*2620	*2620
Fuel oil	*1454	*1616	*1212	*1212	*1212	*1212
Total input	*3213	*2926	*3158	*3349	*3832	*3832
Total production	*900	*900	*900	*1080	*1080	*1080
Estimated efficiency (% of production to input)	28	31	28	32	28	28

Statistics on electricity

Libya

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	30721	31045	32753	27614	33980	30283
Combustible fuels	30721	31045	32753	27614	33980	30283
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	30721	31045	32753	27614	33980	30283
Combustible fuels	30721	31045	32753	27614	33980	30283
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	790	950	1039	1929	1078	2115
Net production	29931	30095	31714	25685	32902	28168
Imports	69	95	70	59	61	64
Exports	117	118	152	128	14	1
Losses	4013	4059	4275	3604	4452	5766
Consumption	25870	26013	27357	22012	28497	22465
Energy industries own use	..	..	..	..	..	..
By industry and construction	3176	1934	2079	2613	1449	1892
By transport	..	..	..	..	..	..
By households and other cons.	22694	24079	25278	19399	27048	20573
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	6612	6766	7066	8907	8907	9455
Combustible fuels	6612	6766	7066	8907	8907	9455
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6612	6766	7066	8907	8907	9455
Combustible fuels	6612	6766	7066	8907	8907	9455
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	124356	131494	108317	64973	86602	77185
Fuel oil	66822	77245	81042	59469	65327	58216
Natural gas	139135	125329	161516	163688	158250	141034
Total input	330313	334068	350875	288130	310179	276435
Total production	110596	111762	117911	99410	122328	109019
Estimated efficiency (% of production to input)	33	33	34	35	39	39

Statistics on electricity

Liechtenstein

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	71	71	79	72	86	85
Combustible fuels	4	4	4	4	4	3
Hydro	67	66	72	62	74	69
Nuclear	..	..	..	..	..	..
Other	0	1	3	6	9	13
Main activity	71	71	79	72	86	85
Combustible fuels	4	4	4	4	4	3
Hydro	67	66	72	62	74	69
Nuclear	..	..	..	..	..	..
Other	0	1	3	6	9	13
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	71	71	79	72	86	85
Imports	315	307	318	326	318	319
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*386	*378	*397	*398	*404	404
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*386	*378	*397	*398	*404	404
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*12	*12	*12	*12	*12	*12
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
Main activity	*12	*12	*12	*12	*12	*12
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
Combustible fuel input	Terajoules					
Total input	..	..	..	..	..	..
Total production	14	15	15	14	13	12
Estimated efficiency (% of production to input)	..	..	..	..	..	..

Statistics on electricity

Lithuania

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	13913	15358	5749	4822	5043	4762
Combustible fuels	2662	2938	3980	3034	3337	2808
Hydro	988	1139	1295	1056	937	1069
Nuclear	9894	10852	..	..	..	..
Other	369	429	474	732	769	885
Main activity	13462	14736	5197	4222	4256	4141
Combustible fuels	2449	2587	3678	2691	2777	2424
Hydro	988	1139	1295	1056	937	1069
Nuclear	9894	10852	..	..	..	..
Other	131	158	224	475	542	648
Own use in electricity, CHP and heat plants	1132	1211	402	377	354	311
Net production	12781	14147	5347	4445	4689	4451
Imports	5649	4783	8174	8086	8060	8073
Exports	6606	7715	2184	1347	1441	1127
Losses	1015	969	989	872	883	872
Consumption	10802	10240	10344	10308	10422	10522
Energy industries own use	1757	1869	2012	1728	1501	1567
By industry and construction	2795	2430	2654	2768	2893	2986
By transport	83	77	76	74	75	74
By households and other cons.	6167	5864	5602	5738	5953	5895
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	4655	4714	3570	3691	4237	4323
Combustible fuels	2518	2532	2536	2588	3054	3075
Hydro	875	876	876	876	876	876
Nuclear	1183	1183	0	0	0	0
Other	79	123	158	227	307	372
Main activity	4442	4494	3347	3417	3965	4053
Combustible fuels	2330	2337	2338	2339	2807	2830
Hydro	875	876	876	876	876	876
Nuclear	1183	1183	0	0	0	0
Other	54	98	133	202	282	347
Combustible fuel input	Terajoules					
Hard Coal	0	0	0	0	0	0
Brown Coal	0	0	0	0	0	0
Peat	10	0	0	0	0	0
Biogas	66	108	229	335	353	473
Fuel oil	4525	6020	5292	1980	6141	2666
Refinery gas	0	0	0	0	198	149
Natural gas	38661	39295	51946	42383	37286	30737
Fuelwood	*1864	*2331	*2472	*2359	*3786	*6075
Municipal waste	..	..	..	..	..	929
Industrial waste	..	..	..	..	..	155
Others	72	0	0	0	0	0
Total input	45198	47754	59939	47057	47764	41184
Total production	9583	10577	14328	10922	12013	10109
Estimated efficiency (% of production to input)	21	22	24	23	25	25

Statistics on electricity

Luxembourg

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3559	3879	4590	3718	3818	2888
Combustible fuels	2513	2963	3046	2498	2543	1573
Hydro	965	833	1468	1130	1160	1158
Nuclear	..	..	..	..	..	..
Other	81	83	76	90	115	157
Main activity	3369	3672	4374	3510	3593	2623
Combustible fuels	2350	2782	2859	2320	2361	1388
Hydro	958	827	1460	1126	1155	1152
Nuclear	..	..	..	..	..	..
Other	61	63	55	64	77	83
Own use in electricity, CHP and heat plants	41	47	31	20	34	29
Net production	3518	3832	4559	3698	3784	2859
Imports	6830	6022	7280	7096	6732	6852
Exports	2484	2604	3216	2614	2622	1907
Losses	117	116	122	121	121	121
Consumption	7755	7139	8518	8062	7784	7698
Energy industries own use	1160	1025	1913	1533	1515	1468
By industry and construction	3595	3099	3633	3204	2557	2501
By transport	113	112	120	129	129	129
By households and other cons.	2887	2903	2852	3196	3583	3600
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1698	1704	1711	1741	1789	1813
Combustible fuels	496	501	504	521	522	526
Hydro	1134	1134	1134	1134	1134	1134
Nuclear	..	..	..	..	..	..
Other	68	69	73	86	133	153
Main activity	1615	1616	1619	1640	1653	1657
Combustible fuels	440	441	443	463	463	467
Hydro	1132	1132	1132	1132	1132	1132
Nuclear	..	..	..	..	..	..
Other	43	43	44	45	58	58
Combustible fuel input	Terajoules					
Biogas	163	199	275	282	305	307
Gas-diesel oil	43	43	0	43	43	43
Natural gas	20189	23027	24176	19997	20548	13490
Fuelwood	0	0	0	0	0	*49
Municipal waste	1356	1224	1113	1225	1203	1185
Total input	21751	24493	25564	21547	22099	15074
Total production	9047	10667	10966	8993	9155	5663
Estimated efficiency (% of production to input)	42	44	43	42	41	38