

Statistics on electricity

Gabon

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2127	2338	2278	2295	2306	2423
Combustible fuels	1207	1383	1347	1307	1318	1434
Hydro	918	953	929	987	987	987
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	2	2
Main activity	1907	2112	2043	2069	2085	2179
Combustible fuels	989	1159	1119	1088	1104	1198
Hydro	918	953	924	981	981	981
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	95	102	102	96	101	106
Net production	2032	2236	2176	2199	2205	2317
Imports	337	344	456	511	511	511
Exports	..	..	..	..	..	..
Losses	476	518	431	469	406	505
Consumption	1893	2062	2201	2241	2311	2323
Energy industries own use	41	45	46	47	47	49
By industry and construction	502	547	648	653	679	666
By transport	7	8	8	8	8	8
By households and other cons.	1343	1462	1499	1532	1576	1599
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	511	523	533	751	*784	*784
Combustible fuels	340	352	359	418	*451	*451
Hydro	170	170	173	332	332	332
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	*1	*1
Main activity	440	452	460	663	*696	*696
Combustible fuels	270	282	289	333	*366	*366
Hydro	170	170	171	330	330	330
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	2709	2666	2904	2749	2266	2977
Natural gas	13265	15031	15253	14848	15523	16333
Fuelwood	*320	332	334	*336	*348	*353
Total input	16294	18029	18491	17934	18138	19663
Total production	4345	4979	4849	4704	4743	5163
Estimated efficiency (% of production to input)	27	28	26	26	26	26

Statistics on electricity

Gambia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	286	302	317	392	460	482
Combustible fuels	283	299	314	388	456	478
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*4	*4	*4	*4	*4	*4
Main activity	250	265	280	354	422	444
Combustible fuels	246	262	277	351	418	440
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*4	*4	*4	*4	*4	*4
Own use in electricity, CHP and heat plants	*11	*11	*12	*15	*18	*58
Net production	275	291	305	377	442	424
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*55	*58	*68	*80	*95	*99
Consumption	*220	*233	*237	*297	*347	*325
Energy industries own use	..	..	..	..	..	..
By industry and construction	*37	*39	*40	*52	*60	*63
By transport	..	..	..	..	..	..
By households and other cons.	*183	*193	*197	*245	*287	*262
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*120	*121	*121	*126	*137	141
Combustible fuels	*116	*117	*118	*123	*134	138
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	3	*3	*3	*3
Main activity	*85	*86	*86	*90	*101	105
Combustible fuels	*81	*82	*82	*87	*98	102
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	3	*3	*3	*3
Combustible fuel input	Terajoules					
Gas-diesel oil	*2417	*2507	*2593	*3156	*3677	*3913
Fuel oil	*889	*889	*929	*1172	*1414	*1495
Total input	*3305	*3396	*3522	*4328	*5091	*5408
Total production	1018	1075	1129	1397	1642	1722
Estimated efficiency (% of production to input)	31	32	32	32	32	32

Statistics on electricity

Georgia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	10833	11574	11531	12149	11857	11160
Combustible fuels	2379	2236	2233	2115	2840	2821
Hydro	8454	9329	9210	9949	8932	8248
Nuclear	..	..	..	..	..	..
Other	..	9	88	84	85	91
Main activity	10833	11574	11531	12149	11857	11160
Combustible fuels	2379	2236	2233	2115	2840	2821
Hydro	8454	9329	9210	9949	8932	8248
Nuclear	..	..	..	..	..	..
Other	..	9	88	84	85	91
Own use in electricity, CHP and heat plants	240	209	215	215	236	216
Net production	10592	11365	11316	11934	11620	10944
Imports	699	1329	1751	1522	1763	1712
Exports	660	1409	940	602	380	256
Losses	711	784	904	886	918	888
Consumption	9921	10501	11224	11950	12085	11512
Energy industries own use	14	14	15	13	26	33
By industry and construction	2752	2902	3295	3306	3253	3126
By transport	294	301	337	366	419	237
By households and other cons.	6861	7284	7578	8266	8388	8116
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2993	3299	3592	3591	3712	3739
Combustible fuels	615	849	849	876	1108	990
Hydro	2378	2430	2723	2695	2583	2727
Nuclear	..	..	..	..	..	..
Other	..	20	20	20	21	21
Main activity	2993	3299	3592	3591	3712	3739
Combustible fuels	615	849	849	876	1108	990
Hydro	2378	2430	2723	2695	2583	2727
Nuclear	..	..	..	..	..	..
Other	..	20	20	20	21	21
Combustible fuel input	Terajoules					
Brown Coal	..	451	634	359	0	..
Gas-diesel oil	0	0	..	..	..	..
Natural gas	24976	20080	20408	19304	26653	24195
Total input	24976	20530	21042	19662	26653	24195
Total production	8563	8048	8039	7614	10225	10155
Estimated efficiency (% of production to input)	34	39	38	39	38	42

Statistics on electricity

Germany

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	648310	650450	653723	640468	606917	572666
Combustible fuels	410318	419596	404286	385445	334214	300857
Hydro	24898	26135	26155	23863	25671	24876
Nuclear	91786	84634	76324	76005	75071	64382
Other	121308	120085	146958	155155	171961	182551
Main activity	598096	595587	596946	585511	553581	520906
Combustible fuels	361485	366199	348797	331660	281896	250205
Hydro	24741	25959	25983	23776	25573	24786
Nuclear	91786	84634	76324	76005	75071	64382
Other	120084	118795	145842	154070	171041	181533
Own use in electricity, CHP and heat plants	38018	36717	34670	34817	31053	27772
Net production	610292	613733	619053	605651	575864	544894
Imports	37008	28338	27842	31727	40126	47853
Exports	85290	78863	80301	80463	72793	66882
Losses	25605	25759	27024	26661	27474	26939
Consumption	536405	537449	539570	530254	515723	498926
Energy industries own use	21457	20494	20617	20860	19208	19112
By industry and construction	228825	230574	232227	230724	223267	211089
By transport	11148	11739	11957	12087	11605	11137
By households and other cons.	274975	274642	274769	266583	261643	257588
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	203257	208217	215326	227943	231487	233745
Combustible fuels	96967	95716	95134	102180	100524	98311
Hydro	11255	11207	11120	10684	10733	10792
Nuclear	10799	10799	10799	10799	9525	8113
Other	84236	90495	98273	104280	110705	116529
Main activity	192539	197629	203747	216805	220318	222594
Combustible fuels	86552	85409	83824	91301	89570	87357
Hydro	11212	11164	11078	10652	10698	10757
Nuclear	10799	10799	10799	10799	9525	8113
Other	83976	90257	98046	104053	110525	116367
Combustible fuel input	Terajoules					
Hard Coal	1127187	1090750	875477	801479	600095	454294
Brown Coal	1460006	1411719	1394434	1354287	1064141	854692
Lignite briquettes	19628	18666	15754	17253	15279	12042
Biogas	235765	238590	238280	238366	236928	241834
Other oil products	26452	21507	21467	18974	17688	17809
Natural gas	555457	707551	749713	720855	780525	815924
Coke-oven gas	22759	24647	27371	27192	24384	25171
Blast furnace gas	69659	73166	71768	66613	63736	58309
Fuelwood	*127292	*121485	*119451	*124895	*125813	*129276
Municipal waste	179782	194092	196030	186036	182412	184448
Others	60340	63641	63472	51893	54515	47833
Total input	3884326	3965815	3773217	3607843	3165516	2841632
Total production	1477145	1510546	1455430	1387602	1203170	1083085
Estimated efficiency (% of production to input)	38	38	39	38	38	38

Statistics on electricity
Ghana

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	11672	13203	14248	16425	18368	20170
Combustible fuels	5824	7615	8604	10375	11065	12820
Hydro	5845	5561	5616	6017	7252	7293
Nuclear	..	..	..	..	..	..
Other	3	27	28	33	52	57
Main activity	11492	13023	14068	16245	18188	20170
Combustible fuels	5644	7435	8424	10195	10885	12820
Hydro	5845	5561	5616	6017	7252	7293
Nuclear	..	..	..	..	..	..
Other	3	27	28	33	52	57
Own use in electricity, CHP and heat plants	38	180	181	179	180	0
Net production	11634	13023	14067	16246	18188	20170
Imports	223	745	320	140	127	58
Exports	587	187	268	740	1430	1801
Losses	613	876	805	1192	1184	1286
Consumption	10625	12528	13037	14401	15232	16531
Energy industries own use	..	..	..	..	..	..
By industry and construction	4185	4612	4583	5029	5260	5499
By transport	5	7	8	9	11	12
By households and other cons.	6435	7910	8446	9362	9962	11020
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3866	4005	4609	5099	5382	5288
Combustible fuels	2263	2402	3006	3476	3759	3649
Hydro	1580	1580	1580	1580	1580	1580
Nuclear	..	..	..	..	..	..
Other	23	23	23	43	43	59
Main activity	3656	3795	4399	4889	5172	5288
Combustible fuels	2053	2192	2796	3266	3549	3649
Hydro	1580	1580	1580	1580	1580	1580
Nuclear	..	..	..	..	..	..
Other	23	23	23	43	43	59
Combustible fuel input	Terajoules					
Crude oil	12394	25380	10448	42	5752	2182
Gas-diesel oil	..	..	1327	613	489	1230
Liquefied petroleum gas	..	..	3888	5015	1881	..
Natural gas	46343	28072	44757	55851	78499	115727
Total input	58737	53452	60420	61521	86620	119139
Total production	20966	27414	30974	37350	39834	46153
Estimated efficiency (% of production to input)	36	51	51	61	46	39

Statistics on electricity

Gibraltar

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	224	214	214	215	220	215
Combustible fuels	224	214	213	215	220	215
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	0	0	0	0	0
Main activity	224	214	214	215	220	215
Combustible fuels	224	214	213	215	220	215
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	0	0	0	0	0
Own use in electricity, CHP and heat plants	4	4	4	4	4	4
Net production	220	210	209	211	215	210
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	7	6	6	7	7	7
Consumption	213	204	203	205	209	204
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	213	204	203	205	209	204
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	..	0	0	0	0	0
Main activity	*43	*43	*43	*43	*43	*43
Combustible fuels	*43	*43	*43	*43	*43	*43
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	0	0	0	0	0
Combustible fuel input	Terajoules					
Fuel oil	2182	2060	2065	2079	1411	..
Natural gas	..	..	..	..	732	2145
Total input	2182	2060	2065	2079	2144	2145
Total production	806	770	769	775	791	772
Estimated efficiency (% of production to input)	37	37	37	37	37	36

Statistics on electricity

Greece

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	51874	54439	55266	53263	48626	48252
Combustible fuels	37203	39798	41698	37412	32880	31055
Hydro	6150	5565	4040	5760	4051	3440
Nuclear	..	..	..	..	..	..
Other	8521	9076	9528	10091	11695	13757
Main activity	49534	52492	53333	51048	46146	45539
Combustible fuels	34863	37851	39765	35197	30400	28342
Hydro	6150	5565	4040	5760	4051	3440
Nuclear	..	..	..	..	..	..
Other	8521	9076	9528	10091	11695	13757
Own use in electricity, CHP and heat plants	4068	4212	4677	3179	3069	2917
Net production	47806	50227	50589	50084	45557	45335
Imports	11081	9833	8696	8550	11067	9831
Exports	1473	1037	2459	2272	1123	967
Losses	4895	3957	1102	5242	3692	5213
Consumption	52519	55066	55724	51120	51809	48985
Energy industries own use	1732	1703	1755	1650	1611	1456
By industry and construction	12668	11285	12284	12414	12308	11857
By transport	388	186	188	202	203	174
By households and other cons.	37731	41892	41497	36854	37687	35498
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	18942	19165	19426	19581	20478	20795
Combustible fuels	10855	10799	10804	10643	10643	9971
Hydro	3392	3392	3392	3409	3412	3417
Nuclear	..	..	..	..	..	..
Other	4695	4974	5230	5529	6423	7407
Main activity	18381	18597	18855	19014	19910	20227
Combustible fuels	10294	10231	10234	10076	10076	9404
Hydro	3392	3392	3392	3409	3412	3417
Nuclear	..	..	..	..	..	..
Other	4695	4974	5230	5529	6423	7407
Combustible fuel input	Terajoules					
Brown Coal	226190	174176	192615	185398	125530	69652
Biogas	3138	3623	3710	3790	3752	4147
Gas-diesel oil	11137	11911	13944	11777	9112	8526
Fuel oil	35592	25816	36667	36378	36324	31172
Liquefied petroleum gas	0	2034	189	..	..	..
Refinery gas	16781	14850	6647	7103	10301	10044
Natural gas	61257	103888	132678	125276	140266	148654
Fuelwood	*19	*138	*145	*205	*784	*1104
Industrial waste	1030	1364	0	1213	1758	405
Biodiesel	..	..	7	0	1	3
Total input	355144	337800	386602	371141	327827	273706
Total production	133931	143273	150112	134683	118370	111797
Estimated efficiency (% of production to input)	38	42	39	36	36	41

Statistics on electricity

Greenland

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	520	490	518	547	537	559
Combustible fuels	97	89	130	*139	*139	*139
Hydro	423	401	388	408	398	420
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	520	490	518	547	537	559
Combustible fuels	97	89	130	*139	*139	*139
Hydro	423	401	388	408	398	420
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	17	15	16	*19	*12	*19
Net production	504	476	502	528	525	540
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*12	*12	13	*10	*10	*10
Consumption	331	320	328	343	337	346
Energy industries own use	..	..	..	..	..	..
By industry and construction	47	51	52	52	48	53
By transport	..	..	..	..	..	..
By households and other cons.	284	269	275	291	289	294
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*187	*187	187	*187	*187	*187
Combustible fuels	*96	*96	96	*96	*96	*96
Hydro	91	91	91	91	91	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	171	171	171	171	171	171
Combustible fuels	*80	*80	80	*80	*80	*80
Hydro	91	91	91	91	91	91
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	1321	1074	1107	1203	1102	1174
Municipal waste	98	94	94	98	110	103
Total input	1419	1168	1201	1301	1212	1277
Total production	350	322	467	*500	*500	*500
Estimated efficiency (% of production to input)	25	28	39	38	41	39

Statistics on electricity

Grenada

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	208	221	230	234	243	226
Combustible fuels	207	218	227	231	239	223
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	2	3	3	3	4
Main activity	207	219	228	231	239	223
Combustible fuels	206	217	225	228	236	220
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	2	3	3	3	4
Own use in electricity, CHP and heat plants	8	14	15	10	5	7
Net production	201	207	215	224	237	219
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	17	18	19	16	15	16
Consumption	184	194	200	208	217	195
Energy industries own use	..	..	..	..	..	..
By industry and construction	6	5	6	6	6	6
By transport	..	..	..	..	..	..
By households and other cons.	178	188	194	202	211	189
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	49	50	52	54	55	56
Combustible fuels	48	48	50	52	52	52
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	2	2	2	3	3
Main activity	48	50	52	54	55	55
Combustible fuels	48	48	50	52	52	52
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	2	2	2	3	3
Combustible fuel input	Terajoules					
Gas-diesel oil	1823	1944	2016	2173	*2343	2020
Total input	1823	1944	2016	2173	*2343	2020
Total production	745	786	815	831	861	802
Estimated efficiency (% of production to input)	41	40	40	38	37	40

Statistics on electricity

Guam

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1702	1720	1760	1715	1724	1683
Combustible fuels	1681	1668	1708	1663	1672	1631
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	22	52	52	52	52	52
Main activity	1702	1720	1760	1715	1724	1683
Combustible fuels	1681	1668	1708	1663	1672	1631
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	22	52	52	52	52	52
Own use in electricity, CHP and heat plants	83	65	66	63	67	66
Net production	1619	1655	1694	1652	1657	1617
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	79	81	84	85	88	94
Consumption	1540	1574	1610	1567	1568	1523
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	1540	1574	1610	1567	1568	1523
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	498	498	446	446	445	445
Combustible fuels	472	472	420	420	420	420
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	26	26	26	26	25	25
Main activity	498	498	446	446	445	445
Combustible fuels	472	472	420	420	420	420
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	26	26	26	26	25	25
Combustible fuel input	Terajoules					
Total input	..	..	..	..	..	..
Total production	6050	6004	6148	5985	6017	5871
Estimated efficiency (% of production to input)	..	..	..	..	..	..

Statistics on electricity

Guatemala

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	11157	11789	12272	13568	*14083	12803
Combustible fuels	6769	7122	5816	7572	*8855	*5971
Hydro	3880	3971	5787	5218	4497	5966
Nuclear	..	..	..	..	..	..
Other	508	696	669	778	732	865
Main activity	10302	10878	11490	12522	*12748	12238
Combustible fuels	5942	6231	5055	6554	*7547	*5439
Hydro	3852	3951	5765	5191	4470	5934
Nuclear	..	..	..	..	..	..
Other	508	696	669	778	732	865
Own use in electricity, CHP and heat plants	747	868	886	775	787	795
Net production	10410	10921	11386	12793	*13297	12008
Imports	585	747	891	825	1141	1085
Exports	1087	1335	1858	2500	2190	1156
Losses	333	383	373	903	1587	1555
Consumption	9466	9907	10115	10220	10660	10381
Energy industries own use	..	..	..	..	..	..
By industry and construction	3547	3621	3707	3695	4017	3597
By transport	..	..	..	..	..	..
By households and other cons.	5919	6286	6408	6525	6644	6785
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3139	3442	3356	3499	4042	4162
Combustible fuels	1905	1942	1845	1770	2234	2332
Hydro	1039	1306	1311	1492	1560	1577
Nuclear	..	..	..	..	..	..
Other	194	194	200	237	249	252
Main activity	2449	2737	2677	2846	3387	3507
Combustible fuels	1219	1241	1170	1122	1584	1682
Hydro	1035	1302	1307	1487	1555	1572
Nuclear	..	..	..	..	..	..
Other	194	194	200	237	249	252
Combustible fuel input	Terajoules					
Hard Coal	44340	52079	43218	51029	49813	32162
Biogas	198	186	308	430	308	281
Gas-diesel oil	137	80	114	62	114	127
Fuel oil	12644	8707	4074	3423	4129	3300
Petroleum coke	..	..	..	1751	..	..
Fuelwood	37	12	5	2	..	..
Bagasse	55979	85152	53779	51340	53779	54054
Total input	113335	146215	101497	108037	108143	89925
Total production	24370	25638	20939	27259	*31877	*21497
Estimated efficiency (% of production to input)	22	18	21	25	29	24

Statistics on electricity

Guernsey

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	157	87	77	54	165	23
Combustible fuels	157	87	77	54	164	23
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	0	0	0
Main activity	157	87	77	54	165	23
Combustible fuels	157	87	77	54	164	23
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	0	0	0
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	157	87	77	54	165	23
Imports	218	285	294	319	204	347
Exports	..	..	..	..	..	..
Losses	28	23	17	25	22	*32
Consumption	347	349	354	348	348	338
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	347	349	354	348	348	338
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*115	*115	*132	*132	*132	*132
Combustible fuels	*115	*115	*132	*132	*132	*132
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	0	0	0
Main activity	*115	*115	*132	*132	*132	*132
Combustible fuels	*115	*115	*132	*132	*132	*132
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*49	*43	*43	*43	*43	*43
Fuel oil	*1329	*727	*646	*444	*1370	*162
Total input	*1378	*770	*689	*487	*1413	*205
Total production	565	315	277	194	592	82
Estimated efficiency (% of production to input)	41	41	40	40	42	40

Statistics on electricity

Guinea

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1118	1596	1753	1914	2019	2454
Combustible fuels	238	512	541	732	*740	*970
Hydro	881	1084	1212	1182	1280	1484
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	945	1117	1288	1295	1394	1604
Combustible fuels	64	34	76	114	*115	*120
Hydro	881	1084	1212	1182	1280	1484
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	22	32	35	38	*41	*59
Net production	1096	1564	1718	1876	1979	2395
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*168	*239	*263	*287	*303	*390
Consumption	*928	*1324	*1455	1588	*1676	*2005
Energy industries own use	..	..	..	..	..	..
By industry and construction	*432	*617	*620	*676	*714	*855
By transport	..	..	..	..	..	..
By households and other cons.	*496	*707	*835	912	*962	*1150
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	596	593	610	615	621	962
Combustible fuels	228	226	*243	*248	*254	*375
Hydro	367	367	367	367	367	587
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	496	444	460	467	471	691
Combustible fuels	128	77	*93	*100	*104	*104
Hydro	367	367	367	367	367	587
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*538	*237	*516	*731	*774	*860
Fuel oil	*1899	*5010	*5131	*6626	*6747	*8969
Total input	*2436	*5246	*5647	*7357	*7521	*9829
Total production	855	1842	1947	2636	*2663	*3492
Estimated efficiency (% of production to input)	35	35	34	36	35	36

Statistics on electricity

Guinea-Bissau

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*58	*79	*80	*81	*82	*82
Combustible fuels	*58	*79	*79	*80	*80	*80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	2	*2
Main activity	*45	*60	*61	*62	*63	*63
Combustible fuels	*45	*60	*60	*61	*61	*61
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	2	*2
Own use in electricity, CHP and heat plants	0	0	*1	*1	0	0
Net production	*58	*79	*79	*80	*82	*82
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	*58	75	83	83	*89	*84
Energy industries own use	..	..	..	..	..	..
By industry and construction	*15	21	22	22	*24	24
By transport	..	..	..	..	..	..
By households and other cons.	*43	54	61	62	*65	*60
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*23	*27	*27	*27	*28	*28
Combustible fuels	*23	*27	*26	*26	*27	*27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	1	1
Main activity	*19	*21	*22	*22	*22	*22
Combustible fuels	*19	*21	*21	*21	*21	*21
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	*576	*800	*796	*843	*843	*827
Total input	*576	*800	*796	*843	*843	*827
Total production	*209	*283	*284	*287	*290	*288
Estimated efficiency (% of production to input)	36	35	36	34	34	35

Statistics on electricity
Guyana

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1004	1081	1105	1136	1135	1136
Combustible fuels	999	1076	1098	1125	1123	1124
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	5	7	11	11	12
Main activity	941	999	1022	1054	1105	1112
Combustible fuels	935	994	1015	1043	1094	1100
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	5	7	11	11	12
Own use in electricity, CHP and heat plants	6	31	12	33	22	24
Net production	998	1050	1092	1103	1112	1112
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	219	224	233	235	247	230
Consumption	789	826	859	868	869	881
Energy industries own use	..	..	..	..	..	..
By industry and construction	307	321	334	337	325	328
By transport	..	..	..	..	..	..
By households and other cons.	483	505	526	531	545	553
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	369	360	348	348	335	337
Combustible fuels	366	356	343	340	327	329
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	5	8	8	8
Main activity	315	306	298	297	293	295
Combustible fuels	312	302	293	289	285	287
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	5	8	8	8
Combustible fuel input	Terajoules					
Gas-diesel oil	2532	2635	3096	3335	4018	4313
Fuel oil	7502	8118	7908	8356	8482	7584
Fuelwood	..	..	..	..	53	70
Bagasse	621	448	327	231	155	121
Total input	10655	11200	11331	11921	12709	12088
Total production	3595	3874	3951	4049	4044	4046
Estimated efficiency (% of production to input)	34	35	35	34	32	33

Statistics on electricity

Haiti

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1040	1086	1058	1048	1064	1029
Combustible fuels	955	1013	928	848	887	919
Hydro	83	71	127	197	174	106
Nuclear	..	..	..	..	..	..
Other	2	2	3	3	3	3
Main activity	996	1049	1035	1027	1042	1008
Combustible fuels	911	976	905	827	865	898
Hydro	83	71	127	197	174	106
Nuclear	..	..	..	..	..	..
Other	2	2	3	3	3	3
Own use in electricity, CHP and heat plants	17	17	17	18	18	17
Net production	1023	1069	1041	1031	1046	1012
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	608	617	624	634	643	622
Consumption	411	417	422	428	435	420
Energy industries own use	..	..	..	..	..	..
By industry and construction	184	187	189	192	195	188
By transport	..	..	..	..	..	..
By households and other cons.	227	230	233	236	240	232
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*333	*336	*344	*352	*471	*471
Combustible fuels	*271	*274	*282	*290	*390	*390
Hydro	61	61	61	61	78	78
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	3	3
Main activity	*237	*240	*245	*250	*333	*333
Combustible fuels	*175	*178	*183	*188	*253	*253
Hydro	61	61	61	61	78	78
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	3	3
Combustible fuel input	Terajoules					
Gas-diesel oil	5461	5289	3856	3482	3534	3417
Fuel oil	6908	7797	8284	7725	7839	7581
Total input	12369	13086	12140	11207	11373	10998
Total production	3438	3647	3340	3052	3192	3310
Estimated efficiency (% of production to input)	28	28	28	27	28	30

Statistics on electricity

Honduras

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	8978	9219	9385	9629	10586	10059
Combustible fuels	5535	5505	4820	4253	5866	5232
Hydro	2360	2246	2971	3158	2430	2701
Nuclear	..	..	..	..	..	..
Other	1083	1468	1595	2219	2290	2127
Main activity	8051	7950	7875	7982	8595	8315
Combustible fuels	4608	4236	3309	2606	3935	3556
Hydro	2360	2246	2971	3158	2430	2701
Nuclear	..	..	..	..	..	..
Other	1083	1468	1595	2219	2230	2058
Own use in electricity, CHP and heat plants	14	14	14	14	23	74
Net production	8965	9205	9372	9616	10563	9985
Imports	152	314	446	372	260	292
Exports	2	16	25	8	6	0
Losses	2929	3125	2858	2991	3178	3511
Consumption	6185	6377	6935	6988	7639	6766
Energy industries own use	..	..	..	..	..	..
By industry and construction	2007	2014	2143	2229	2687	2204
By transport	..	..	..	..	..	..
By households and other cons.	4179	4363	4792	4760	4951	4562
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2292	2456	2663	2740	2882	3011
Combustible fuels	1104	1209	1267	1254	1308	1318
Hydro	648	663	685	715	731	840
Nuclear	..	..	..	..	..	..
Other	540	584	711	771	844	852
Main activity	2022	2092	2269	2371	2427	2450
Combustible fuels	834	845	873	885	910	823
Hydro	648	663	685	715	730	840
Nuclear	..	..	..	..	..	..
Other	540	584	711	771	787	787
Combustible fuel input	Terajoules					
Hard Coal	1184	1675	29	..	..	..
Gas-diesel oil	1574	1195	370	1114	2146	1324
Fuel oil	37257	30429	23315	17449	27121	26474
Liquefied petroleum gas	..	..	..	1201	1641	1443
Petroleum coke	..	..	7053	10530	11005	10222
Fuelwood	2	3	2	1	1	34
Bagasse	1835	1981	2088	21848	12889	9578
Vegetal waste	5006	12086	12218	9520	10858	7833
Total input	46857	47370	45074	61663	65661	56909
Total production	19926	19818	17352	15310	21118	18833
Estimated efficiency (% of production to input)	43	42	38	25	32	33

Statistics on electricity

Hungary

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	30360	31902	32915	32067	34291	34930
Combustible fuels	13395	14583	15407	14725	15429	15358
Hydro	234	259	220	222	219	244
Nuclear	15834	16054	16098	15733	16288	16055
Other	897	1006	1190	1387	2355	3273
Main activity	29554	30893	31615	30490	32313	32578
Combustible fuels	12792	13863	14501	13743	14373	14341
Hydro	234	259	220	222	219	244
Nuclear	15834	16054	16098	15733	16288	16055
Other	694	717	796	792	1433	1938
Own use in electricity, CHP and heat plants	2210	2354	2187	2176	2154	2016
Net production	28150	29548	30728	29891	32137	32914
Imports	19935	17951	19803	18613	19853	19176
Exports	6249	5240	6925	4265	7269	7499
Losses	3695	3566	3456	3357	3292	3139
Consumption	37439	38262	39647	40587	41383	41083
Energy industries own use	1148	1110	1154	1169	1161	1145
By industry and construction	15403	16002	16735	17234	17751	17517
By transport	1171	1177	1208	1207	1200	1214
By households and other cons.	19717	19973	20550	20977	21271	21207
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8634	8758	8890	9286	9994	10708
Combustible fuels	6062	6100	6120	6118	6159	6145
Hydro	57	57	57	57	58	58
Nuclear	2000	2000	2000	2013	2013	2013
Other	515	601	713	1098	1764	2492
Main activity	8258	8290	8298	8551	8969	9392
Combustible fuels	5856	5878	5867	5867	5873	5871
Hydro	57	57	57	57	58	58
Nuclear	2000	2000	2000	2013	2013	2013
Other	345	355	374	614	1025	1450
Combustible fuel input	Terajoules					
Hard Coal	0	2989	1001	869	1069	804
Brown Coal	63146	60077	53838	54874	42046	39351
Biogas	2202	2529	2612	2546	2480	2396
Fuel oil	444	404	606	606	364	323
Natural gas	49177	59535	69704	64509	75161	79058
Coke-oven gas	1284	2021	1722	2055	1957	1344
Blast furnace gas	2894	2130	2895	3056	2801	2271
Fuelwood	*21071	*19129	*20873	*21958	*21342	*20374
Municipal waste	4827	5194	4314	4399	4309	4733
Industrial waste	807	1782	939	1223	1338	1263
Others	354	305	424	308	311	146
Total input	146207	156094	158929	156403	153178	152063
Total production	48222	52499	55465	53010	55544	55289
Estimated efficiency (% of production to input)	33	34	35	34	36	36

Statistics on electricity

Iceland

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	18799	18550	19239	19830	19489	19127
Combustible fuels	4	3	2	2	3	3
Hydro	13781	13470	14059	13814	13461	13157
Nuclear	..	..	..	..	..	..
Other	5014	5077	5178	6014	6025	5967
Main activity	18799	18550	19239	19830	19489	19127
Combustible fuels	4	3	2	2	3	3
Hydro	13781	13470	14059	13814	13461	13157
Nuclear	..	..	..	..	..	..
Other	5014	5077	5178	6014	6025	5967
Own use in electricity, CHP and heat plants	241	378	392	397	369	349
Net production	18558	18172	18846	19432	19120	18779
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	576	489	591	554	531	540
Consumption	17666	17480	18061	18664	18402	18049
Energy industries own use	195	176	169	177	175	180
By industry and construction	15129	14841	15388	15525	14900	14738
By transport	2	4	9	14	23	28
By households and other cons.	2340	2459	2494	2948	3304	3102
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2772	2772	2823	2973	2979	2989
Combustible fuels	117	117	116	116	116	116
Hydro	1987	1987	1995	2099	2104	2114
Nuclear	..	..	..	..	..	..
Other	668	668	712	758	758	758
Main activity	2772	2772	2823	2973	2979	2989
Combustible fuels	117	117	116	116	116	116
Hydro	1987	1987	1995	2099	2104	2114
Nuclear	..	..	..	..	..	..
Other	668	668	712	758	758	758
Combustible fuel input	Terajoules					
Gas-diesel oil	86	86	27	24	53	24
Total input	86	86	27	24	53	24
Total production	14	11	8	7	10	11
Estimated efficiency (% of production to input)	17	13	28	28	18	46

Statistics on electricity

India

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1354382	1432358	1490257	1521958	1576740	*1533307
Combustible fuels	1158338	1188280	1217575	1244959	1253707	*1200660
Hydro	121546	122507	126235	135164	156049	*160909
Nuclear	37414	37916	38346	37813	46472	*43029
Other	37084	83655	108101	*104022	*120512	*128709
Main activity	1135434	1233926	1305954	1346325	1358798	*1351266
Combustible fuels	943013	993516	1037184	1072314	1042838	*1027127
Hydro	121377	122378	126123	134894	155769	*160558
Nuclear	37414	37916	38346	37813	46472	*43029
Other	33630	80116	104301	*101304	*113719	*120552
Own use in electricity, CHP and heat plants	79302	95931	100826	108297	*109107	*123512
Net production	1275080	1336427	1389431	1413661	1467633	*1409795
Imports	5244	5617	5611	4657	6351	*9318
Exports	5150	6710	7203	8494	9491	*9426
Losses	240864	248834	259827	269165	266527	*252502
Consumption	1034374	1071213	1135284	1163990	1297138	*1187126
Energy industries own use	*5294	*4945	*4956	*5679	*5645	*4937
By industry and construction	*451412	426665	*468909	484843	551362	*500291
By transport	16594	17217	14356	16823	19577	*18500
By households and other cons.	561074	622386	647063	656645	720554	*663398
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	287128	374795	400455	427794	442320	458430
Combustible fuels	210430	267129	276062	298316	305307	307076
Hydro	40331	44597	45344	45502	45830	46341
Nuclear	5780	6780	6780	6780	6780	6780
Other	*30587	56289	72269	77196	84403	*98233
Main activity	205114	322506	343824	352179	364297	382151
Combustible fuels	130475	218330	222907	226279	230600	234728
Hydro	40272	44532	45293	45399	45699	46209
Nuclear	5780	6780	6780	6780	6780	6780
Other	*28587	52864	68844	73721	81218	*94434
Combustible fuel input	Terajoules					
Hard Coal	9353251	9407701	10218153	*10158212	9747831	*8850645
Brown Coal	360925	434150	368083	361622	363330	*275335
Gas-diesel oil	9632	16426	15222	21457	13803	19608
Fuel oil	19432	15231	12362	14059	12968	*9575
Liquefied petroleum gas	142	95	..	95	47	..
Naphtha	2225	2670	2982	223	..	*3115
Natural gas	*634158	654623	632575	468447	*637011	*646955
Coke-oven gas	*30881	*33073	*36321	*38643	*40732	*37601
Bagasse	207880	365524	558763	569080	584108	581059
Vegetal waste	127136	148048	132922	102533	100589	134091
Total input	10745662	11077541	11977384	*11734370	11500420	*10557983
Total production	4170017	4277808	4383270	4481852	4513345	*4322376
Estimated efficiency (% of production to input)	39	39	37	38	39	41

Statistics on electricity
Indonesia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	267287	233367	262673	275657	280562	274780
Combustible fuels	240698	201209	230068	242665	247723	240582
Hydro	17595	21475	18632	19774	19749	19900
Nuclear	..	..	..	..	..	..
Other	8995	10683	13973	13218	13089	14298
Main activity	157027	166458	205415	228599	236449	238046
Combustible fuels	142227	148606	187715	195606	203610	203848
Hydro	10005	13885	12425	19774	19749	19900
Nuclear	..	..	..	..	..	..
Other	4796	3967	5276	13218	13089	14298
Own use in electricity, CHP and heat plants	12838	9900	9865	10784	11243	11034
Net production	254449	223467	252808	264873	269319	263746
Imports	13	1	1120	..	..	..
Exports	..	..	..	..	..	..
Losses	22057	22706	24887	25093	25822	25263
Consumption	212767	215781	244637	251796	258092	265092
Energy industries own use	..	..	..	..	..	..
By industry and construction	72541	68145	93465	92968	88323	81456
By transport	257	..	240	266	278	160
By households and other cons.	139969	147636	150932	158562	169491	183476
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	74448	59305	60619	65920	67202	67587
Combustible fuels	65967	52622	51394	56013	57079	57225
Hydro	6186	4868	6239	7595	7722	7813
Nuclear	..	..	..	..	..	..
Other	2295	*1815	2986	2313	2401	2549
Main activity	55394	39980	46430	52346	52616	53039
Combustible fuels	48967	35622	39797	44763	45022	45231
Hydro	4886	3568	4853	5436	5447	5513
Nuclear	..	..	..	..	..	..
Other	1541	790	1780	2146	2147	2294
Combustible fuel input	Terajoules					
Hard Coal	1850002	1854221	2013593	2393869	2572155	2676052
Motor gasoline	7664	7752	6867	8284	7682	*7974
Gas-diesel oil	155316	130333	97653	123109	104087	100362
Fuel oil	20200	21129	16483	22180	16083	14483
Natural gas	777817	452991	559508	465092	546210	500814
Fuelwood	8298	10512	0	..	..	..
Charcoal	266	*266	*266	..	..	..
Biodiesel	*6403	*12696	*9826	*10746	*15382	22669
Total input	2825965	2489900	2704194	3023279	3261600	3322354
Total production	866513	724352	828245	873594	891803	866096
Estimated efficiency (% of production to input)	31	29	31	29	27	26

Statistics on electricity
Iran (Islamic Rep. of)

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	280635	289116	307992	309351	321570	324845
Combustible fuels	263393	265799	285012	285278	298856	302092
Hydro	14090	16421	15051	15765	15873	15887
Nuclear	2914	6620	7514	7450	5870	5790
Other	238	276	415	858	970	1076
Main activity	274195	282634	300087	304384	316637	319825
Combustible fuels	256953	259317	277107	280311	293923	297072
Hydro	14090	16421	15051	15765	15873	15887
Nuclear	2914	6620	7514	7450	5870	5790
Other	238	276	415	858	970	1076
Own use in electricity, CHP and heat plants	8132	8205	8833	8702	9046	9138
Net production	272503	280911	299159	300649	312524	315707
Imports	4148	4221	3852	2588	2738	2738
Exports	6822	6688	8172	6295	6365	6365
Losses	33297	33513	33722	32853	34175	34527
Consumption	235555	243468	254942	262084	264725	269094
Energy industries own use	2915	3016	3225	3362	3359	3123
By industry and construction	77186	80860	80749	87491	87411	88951
By transport	549	436	477	514	514	523
By households and other cons.	154905	159156	170491	170717	173441	176497
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	74185	74106	*76569	*78794	*80467	*80467
Combustible fuels	61632	61262	*63145	*65241	*66740	*66740
Hydro	11354	11578	11949	11953	12026	*12026
Nuclear	1020	1020	1020	1020	1020	*1020
Other	179	246	455	580	681	*681
Main activity	68604	68525	*70816	*72889	*74467	*74467
Combustible fuels	56051	55681	*57392	*59336	*60740	*60740
Hydro	11354	11578	11949	11953	12026	*12026
Nuclear	1020	1020	1020	1020	1020	*1020
Other	179	246	455	580	681	*681
Combustible fuel input	Terajoules					
Biogas	127	282	288	254	254	254
Gas-diesel oil	227649	219566	181176	216441	202856	187220
Fuel oil	266494	171999	141457	131677	130803	128055
Other kerosene	..	..	175	165	149	78
Natural gas	2279763	2431484	2730586	2650860	2602176	2648027
Coke-oven gas	88	169	2181	2225	2324	2632
Blast furnace gas	9064	9474	7739	7776	8329	8231
Total input	2783185	2832973	3063602	3009398	2946892	2974497
Total production	948215	956876	1026043	1027000	1075881	1087531
Estimated efficiency (% of production to input)	34	34	33	34	37	37

Statistics on electricity

Iraq

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*68745	80087	83947	82507	88867	91423
Combustible fuels	*66116	76659	81714	80312	83846	86449
Hydro	*2572	3371	2176	1818	4963	4916
Nuclear	..	..	..	..	..	..
Other	57	57	57	377	57	57
Main activity	*68688	80030	83890	82130	88810	91366
Combustible fuels	*66116	76659	81714	80312	83846	86449
Hydro	*2572	3371	2176	1818	4963	4916
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*977	2080	3947	2076	5489	5647
Net production	*67768	78007	80000	80431	83378	85777
Imports	13104	11965	11787	21793	34396	18609
Exports	..	..	..	..	..	..
Losses	31967	48958	52767	55631	66724	59563
Consumption	42735	39433	38377	43555	45270	42864
Energy industries own use	..	..	..	..	..	..
By industry and construction	*8665	5180	5160	5030	5322	4487
By transport	..	..	..	..	..	..
By households and other cons.	34070	34253	33217	38525	39948	38377
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	31148	32214	26133	27412	27412	*27412
Combustible fuels	28598	29664	24300	25400	25400	*25400
Hydro	2513	2513	1796	1796	1796	*1796
Nuclear	..	..	..	..	..	..
Other	37	37	37	216	216	*216
Main activity	31111	32177	26096	27196	27196	*27196
Combustible fuels	28598	29664	24300	25400	25400	*25400
Hydro	2513	2513	1796	1796	1796	*1796
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Crude oil	348044	380489	338781	338423	366850	302506
Gas-diesel oil	9417	9417	28251	31474	34581	31340
Fuel oil	201071	233795	121523	132601	113823	65534
Naphtha	0	..	..	..	..	..
Natural gas	207313	225878	353870	460255	587036	609627
Total input	765845	849578	842425	962753	1102290	1009007
Total production	*238018	275972	294170	289123	301847	311218
Estimated efficiency (% of production to input)	31	32	35	30	27	31

Statistics on electricity

Ireland

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	28393	30514	30876	31139	30960	32290
Combustible fuels	20721	23388	22525	21546	19768	19453
Hydro	1095	973	895	932	1132	1224
Nuclear	..	..	..	..	..	..
Other	6577	6153	7456	8661	10060	11613
Main activity	26194	28277	28637	28925	28784	30072
Combustible fuels	18562	21189	20334	19393	17684	17352
Hydro	1095	973	895	932	1132	1224
Nuclear	..	..	..	..	..	..
Other	6537	6115	7408	8600	9967	11496
Own use in electricity, CHP and heat plants	770	822	783	781	686	770
Net production	27623	29692	30093	30357	30274	31520
Imports	1752	871	1116	1622	2180	1761
Exports	1079	1583	1795	1649	1535	1913
Losses	2084	2135	2176	2236	2274	2313
Consumption	26444	27023	27153	28509	29038	29320
Energy industries own use	656	647	516	632	614	674
By industry and construction	6392	6680	6796	6940	6940	6488
By transport	44	49	53	62	79	88
By households and other cons.	19352	19647	19788	20875	21404	22069
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	9679	10032	10610	10987	11131	11244
Combustible fuels	6697	6696	6745	6752	6417	6316
Hydro	529	529	529	529	529	529
Nuclear	..	..	..	..	..	..
Other	2453	2807	3336	3705	4185	4399
Main activity	9318	9665	10224	10576	10682	10758
Combustible fuels	6354	6351	6395	6396	6053	5949
Hydro	529	529	529	529	529	529
Nuclear	..	..	..	..	..	..
Other	2435	2785	3299	3651	4100	4280
Combustible fuel input	Terajoules					
Hard Coal	48423	46439	37501	21254	6693	8282
Peat	24635	23893	22480	20982	20851	15436
Biogas	1948	1938	1914	1699	1666	1641
Gas-diesel oil	774	473	306	342	515	475
Fuel oil	2424	2182	1075	1089	2725	3931
Liquefied petroleum gas	47	47	27	27	27	18
Refinery gas	347	198	14	..	..	..
Natural gas	88183	108711	112511	114234	117046	119186
Fuelwood	*1794	*3675	*3561	*3184	*3223	*4119
Municipal waste	2120	2132	4596	7957	7748	8155
Total input	170694	189688	183986	170767	160493	161244
Total production	74596	84197	81091	77565	71166	70029
Estimated efficiency (% of production to input)	44	44	44	45	44	43

Statistics on electricity

Isle of Man

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	435	433	467	493	581	552
Combustible fuels	431	430	463	490	578	548
Hydro	4	3	4	*2	3	4
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	411	408	443	460	548	518
Combustible fuels	407	405	439	457	545	515
Hydro	4	3	4	*2	3	4
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	35	39	10
Net production	435	433	467	457	542	542
Imports	63	65	41	*65	*46	*46
Exports	87	105	95	131	192	168
Losses	*30	*30	*30	*25	*30	61
Consumption	367	362	363	362	366	360
Energy industries own use	..	..	..	..	..	..
By industry and construction	141	139	133	135	141	128
By transport	..	..	..	..	..	..
By households and other cons.	226	223	230	227	225	232
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	194	184	187	187	187	187
Combustible fuels	193	183	186	186	186	186
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	186	176	180	180	180	180
Combustible fuels	185	175	179	179	179	179
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	108	105	48	35	29	8
Natural gas	3165	3668	3587	3587	4304	4167
Municipal waste	*389	*411	*396	*546	*542	*543
Total input	3662	4184	4031	4168	4875	4718
Total production	1551	1548	1666	1765	2080	1973
Estimated efficiency (% of production to input)	42	37	41	42	43	42

Statistics on electricity

Israel

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	64226	66976	67674	68894	72351	72285
Combustible fuels	63080	65432	65742	66978	68796	67702
Hydro	24	0	0	0	..	..
Nuclear	..	..	..	..	..	..
Other	1122	1544	1933	1916	3555	4583
Main activity	60483	62907	63409	63847	65506	64212
Combustible fuels	60461	62907	63409	63847	65000	63574
Hydro	15	0	0	0	..	..
Nuclear	..	..	..	..	..	..
Other	7	0	0	0	505	638
Own use in electricity, CHP and heat plants	1928	2441	2199	2304	2425	2374
Net production	62298	64535	65476	66590	69926	69910
Imports	..	..	..	..	..	..
Exports	5197	5553	5649	5863	6311	6243
Losses	2472	2535	2387	2514	2787	3197
Consumption	54791	56443	57149	58307	60760	60910
Energy industries own use	769	755	855	826	871	861
By industry and construction	12746	13444	12943	13996	12521	12615
By transport	..	..	..	..	..	..
By households and other cons.	41276	42244	43352	43485	47368	47433
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	17221	17585	17827	18020	19139	20006
Combustible fuels	16466	16689	16813	16617	16837	16982
Hydro	7	7	8	9	9	309
Nuclear	..	..	..	..	..	..
Other	748	889	1006	1393	2292	2715
Main activity	15986	16198	16236	16001	16460	16818
Combustible fuels	15975	16166	16205	15964	16181	16239
Hydro	5	5	4	2	2	302
Nuclear	..	..	..	..	..	..
Other	6	27	27	35	277	277
Combustible fuel input	Terajoules					
Hard Coal	266209	227233	206953	195455	206387	180082
Biogas	559	795	960	878	878	963
Oil shale	1667	1679	1783	648	614	520
Gas-diesel oil	3913	2193	6594	2646	6648	1751
Fuel oil	848	848	1284	968	865	525
Other oil products	0	..	..	..	..	..
Natural gas	262263	317669	342459	300611	287920	317304
Total input	535460	550418	560033	501207	503312	501146
Total production	227088	235555	236671	241120	247667	243727
Estimated efficiency (% of production to input)	42	43	42	48	49	49

Statistics on electricity

Italy

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	282994	289768	295830	289708	293853	280531
Combustible fuels	191458	198693	208824	192129	195084	180805
Hydro	46970	44257	38025	50503	48154	49495
Nuclear	..	..	..	..	..	..
Other	44566	46818	48982	47077	50616	50231
Main activity	263912	271301	276048	266925	271513	260196
Combustible fuels	173249	181006	189674	170015	173389	161147
Hydro	46361	43695	37536	50037	47661	49030
Nuclear	..	..	..	..	..	..
Other	44302	46600	48839	46873	50463	50019
Own use in electricity, CHP and heat plants	10566	10065	10564	9864	9903	8883
Net production	272428	279703	285266	279845	283950	271648
Imports	50849	43181	42895	47170	43975	39790
Exports	4471	6154	5134	3271	5834	7590
Losses	19717	18753	18668	17988	17818	17366
Consumption	299089	297977	304359	305755	304273	286483
Energy industries own use	11606	11950	12393	12674	12340	11282
By industry and construction	112665	113257	115609	116070	119535	117305
By transport	10856	11162	11383	11540	11542	10114
By households and other cons.	163962	161608	164973	165471	160856	147781
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	116964	114162	114241	115221	116435	116383
Combustible fuels	65617	62096	61289	61276	61284	60106
Hydro	22220	22298	22426	22499	22541	22695
Nuclear	..	..	..	..	..	..
Other	29127	29768	30526	31446	32610	33583
Main activity	111706	109328	109207	109699	111003	111218
Combustible fuels	60575	57438	56426	55929	56028	55115
Hydro	22099	22181	22307	22393	22435	22604
Nuclear	..	..	..	..	..	..
Other	29032	29709	30473	31377	32541	33498
Combustible fuel input	Terajoules					
Hard Coal	414451	342425	304038	266920	183035	144183
Biogas	76475	76651	77414	76494	81049	79520
Fuel oil	37532	20281	20059	12496	12649	12985
Refinery gas	28958	31581	30818	30381	31070	27800
Other oil products	118188	125022	119490	125585	107705	101846
Natural gas	947225	1057652	1162357	1075138	1171351	1114340
Blast furnace gas	15672	23686	16953	17987	17071	10825
Fuelwood	70047	73136	72332	72080	71285	73475
Municipal waste	70838	72906	71443	70893	73103	70608
Other liquid biofuels	29400	28277	26895	26114	28444	28341
Others	26071	17982	18031	15985	16476	14452
Total input	1834855	1869599	1919829	1790073	1793238	1678376
Total production	689249	715295	751765	691664	702303	650898
Estimated efficiency (% of production to input)	38	38	39	39	39	39

Statistics on electricity
Jamaica

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4206	4342	4360	4402	4425	4844
Combustible fuels	3953	4002	3873	3875	3948	4399
Hydro	128	118	154	179	157	133
Nuclear	..	..	..	..	..	..
Other	125	222	333	348	321	312
Main activity	2528	2556	2533	2561	2917	3972
Combustible fuels	2400	2438	2379	2382	2761	3839
Hydro	128	118	154	179	157	133
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	12	13	18	19	125	112
Net production	4194	4329	4342	4383	4301	4731
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1137	1160	1152	1144	1126	1126
Consumption	3073	3184	3191	3299	3173	3605
Energy industries own use	..	..	..	..	..	..
By industry and construction	1379	1410	1358	1800	1259	1421
By transport	..	..	..	..	..	..
By households and other cons.	1694	1774	1833	1499	1914	2184
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	965	1031	1041	1045	*1150	*1156
Combustible fuels	871	871	871	874	*962	*968
Hydro	29	29	29	29	29	*29
Nuclear	..	..	..	..	..	..
Other	65	131	141	142	*159	*159
Main activity	641	661	661	665	*665	*665
Combustible fuels	609	609	609	612	*612	*612
Hydro	29	29	29	29	29	*29
Nuclear	..	..	..	..	..	..
Other	3	23	23	24	*24	*24
Combustible fuel input	Terajoules					
Gas-diesel oil	7835	9507	1587	1419	1677	1626
Fuel oil	26337	26296	29007	29169	26422	9851
Natural gas	..	*355	*4089	3789	9630	23334
Bagasse	*2626	*2703	*980	*778	*954	*780
Total input	36797	38861	35663	35155	38682	35591
Total production	14231	14407	13943	13950	14212	15837
Estimated efficiency (% of production to input)	39	37	39	40	37	44

Statistics on electricity

Japan

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1058649	1070872	1080902	1068385	1040627	1017778
Combustible fuels	894055	892020	872192	823386	790504	783522
Hydro	91270	85665	91104	88348	87653	87548
Nuclear	9437	18060	32912	64929	63779	38752
Other	63887	75127	84694	91722	98691	107957
Main activity	824250	923511	929784	906514	878298	857863
Combustible fuels	737463	808823	791580	737145	708036	708059
Hydro	74801	82349	88356	85058	84325	84549
Nuclear	9437	18060	32912	64929	63779	38752
Other	2549	14279	16936	19382	22158	26504
Own use in electricity, CHP and heat plants	34594	45239	48209	43484	42133	42133
Net production	1024055	1025633	1032693	1024901	998494	975646
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	40587	45600	40642	45010	44095	46265
Consumption	969586	973824	989627	970582	952086	932904
Energy industries own use	20098	23120	24895	24894	24828	25502
By industry and construction	344721	342870	346234	347257	338034	318169
By transport	17551	17543	17543	17304	17304	17304
By households and other cons.	587216	590291	600956	581127	571920	571929
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	326444	338210	342198	347177	346474	353667
Combustible fuels	194388	198299	197092	196656	193414	191758
Hydro	50034	50117	50014	50037	50033	50033
Nuclear	42048	41482	39132	38042	33083	33083
Other	39974	48312	55959	62442	69944	78794
Main activity	231484	274454	272831	271642	266069	269605
Combustible fuels	143040	174392	173261	171469	168760	170260
Hydro	45786	49521	49562	49582	49635	49635
Nuclear	42048	41482	39132	38042	33083	33083
Other	610	9059	10876	12550	14592	16627
Combustible fuel input	Terajoules					
Hard Coal	2901200	2869146	2973099	2866822	2839565	2681204
Fuel oil	367721	302475	223939	163552	121353	112344
Refinery gas	93902	116523	139999	118072	81099	98185
Natural gas	3342226	3450612	3287592	3126892	2949563	3028391
Coke-oven gas	65612	65260	62449	58947	59835	53931
Blast furnace gas	210696	206264	196630	190515	184687	144098
Fuelwood	*19329	*35158	*49294	*61279	*74476	*97058
Vegetal waste	*59374	*60900	*65387	*65419	*89909	*77036
Industrial waste	73204	132226	149210	167464	146808	139540
Bitumen	25004	75174	75972	77196	75353	44330
Others	447665	283424	240324	195146	188760	181078
Total input	7605933	7597162	7463894	7091305	6811408	6657195
Total production	3218598	3211272	3139892	2964191	2845814	2820678
Estimated efficiency (% of production to input)	42	42	42	42	42	42

Statistics on electricity

Jersey

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	48	70	49	45	44	*43
Combustible fuels	48	70	49	45	44	*43
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	7	24	4	2	2	1
Combustible fuels	7	24	4	2	2	1
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	48	70	49	45	44	*43
Imports	625	614	626	637	630	612
Exports	..	..	..	..	..	..
Losses	52	47	53	48	40	*40
Consumption	622	637	620	633	632	616
Energy industries own use	..	..	..	..	..	..
By industry and construction	242	*249	*239	*239	*234	*204
By transport	..	..	..	..	..	..
By households and other cons.	380	387	381	395	398	412
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	78	78	78	78	*78	*78
Combustible fuels	78	78	78	78	*78	*78
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	50	50	50	50	*50	*50
Combustible fuels	50	50	50	50	*50	*50
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	103	259	58	32	28	*22
Municipal waste	*732	*813	*799	*760	*764	*760
Total input	*835	*1072	*857	*792	*793	*782
Total production	173	250	176	161	159	*154
Estimated efficiency (% of production to input)	21	23	20	20	20	20

Statistics on electricity

Jordan

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	19012	19677	20793	20476	20995	20952
Combustible fuels	18834	18817	19387	18332	18016	16675
Hydro	53	42	38	23	18	18
Nuclear	..	..	..	..	..	..
Other	125	818	1369	2122	2961	4259
Main activity	18540	19390	19560	19298	19773	20045
Combustible fuels	18363	18530	18154	17154	16794	15768
Hydro	53	42	38	23	18	18
Nuclear	..	..	..	..	..	..
Other	125	818	1369	2122	2961	4259
Own use in electricity, CHP and heat plants	571	520	514	443	401	377
Net production	18441	19157	20279	20033	20594	20576
Imports	604	334	51	188	239	632
Exports	50	46	57	94	98	190
Losses	2190	2072	2029	2094	2249	2307
Consumption	16282	16805	17605	17594	17999	18670
Energy industries own use	105	105	101	100	89	100
By industry and construction	3823	3763	3910	3861	3622	3592
By transport	..	..	..	..	..	..
By households and other cons.	12354	12937	13594	13632	14287	14978
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	4455	4490	4551	4891	5272	5674
Combustible fuels	4320	3990	3941	3796	3796	4250
Hydro	12	6	6	6	6	6
Nuclear	..	..	..	..	..	..
Other	123	494	604	1089	1470	1418
Main activity	4256	4270	4301	4641	5022	5424
Combustible fuels	4121	3770	3691	3546	3546	4000
Hydro	12	6	6	6	6	6
Nuclear	..	..	..	..	..	..
Other	123	494	604	1089	1470	1418
Combustible fuel input	Terajoules					
Biogas	*64	*64	49	41	42	42
Gas-diesel oil	24079	1763	2847	2791	3014	2907
Fuel oil	59497	20164	24313	10670	6973	6282
Natural gas	81400	141902	163276	159917	155279	148962
Total input	165041	163892	190484	173418	165308	158193
Total production	67803	67741	69791	65994	64857	60030
Estimated efficiency (% of production to input)	41	41	37	38	39	38

Statistics on electricity
Kazakhstan

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	91882	94693	103197	107605	106878	110890
Combustible fuels	82363	82661	91487	96364	95346	98711
Hydro	9269	11621	11210	10395	9994	9660
Nuclear	..	..	..	..	..	..
Other	250	411	499	845	1538	2519
Main activity	89899	92932	100169	104453	105730	108629
Combustible fuels	80452	80948	88526	93456	94638	96703
Hydro	9269	11621	11210	10395	9994	9660
Nuclear	..	..	..	..	..	..
Other	178	363	433	602	1098	2266
Own use in electricity, CHP and heat plants	163	0	0	0	6488	9542
Net production	91719	94693	103197	107605	100390	101348
Imports	1618	1319	1328	1561	1935	1569
Exports	1614	2572	5692	5042	2419	2323
Losses	5174	5342	6411	6569	9689	6746
Consumption	78795	80020	88750	95318	80662	80050
Energy industries own use	8209	10166	9957	14981	8707	9928
By industry and construction	44161	45468	47606	50396	44081	43978
By transport	5392	4699	5626	3234	3525	2939
By households and other cons.	21033	19687	25560	26707	24350	23206
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*25934	*25941	*26319	26192	24827	25976
Combustible fuels	*22985	*22935	*23251	22640	20281	20652
Hydro	2678	2696	2726	2756	2778	2785
Nuclear	..	..	..	..	..	..
Other	271	310	342	796	1769	2540
Main activity	*25394	*25451	*25513	25269	24291	25068
Combustible fuels	*22500	*22500	*22500	21902	20079	20079
Hydro	2678	2696	2726	2756	2778	2785
Nuclear	..	..	..	..	..	..
Other	216	255	287	611	1434	2205
Combustible fuel input	Terajoules					
Hard Coal	782334	806453	902591	991148	948986	948231
Brown Coal	7048	6220	8132	10486	5748	2263
Biogas	42	58	32	19	43	70
Fuel oil	16241	23028	8888	8601	7442	7660
Natural gas	225843	257658	261839	313105	311886	297164
Total input	1031508	1093417	1181481	1323358	1274105	1255388
Total production	296507	297580	329354	346911	343247	355359
Estimated efficiency (% of production to input)	29	27	28	26	27	28

Statistics on electricity

Kenya

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	9515	10058	10360	11182	11621	11604
Combustible fuels	1471	1557	2766	1679	1526	891
Hydro	3463	3960	2777	3986	3205	4233
Nuclear	..	..	..	..	..	..
Other	4580	4541	4818	5517	6890	6480
Main activity	9456	9971	10129	11049	11408	11467
Combustible fuels	1412	1471	2534	1546	1313	755
Hydro	3463	3960	2777	3986	3205	4233
Nuclear	..	..	..	..	..	..
Other	4580	4541	4818	5517	6890	6480
Own use in electricity, CHP and heat plants	78	80	84	86	86	120
Net production	9437	9978	10276	11096	11535	11483
Imports	59	86	230	130	212	137
Exports	47	39	12	35	16	17
Losses	1642	1965	1938	2445	2751	2791
Consumption	7826	8053	8410	8702	8854	8955
Energy industries own use	..	..	..	..	..	..
By industry and construction	4426	5030	5067	4337	4441	4440
By transport	..	..	..	..	..	..
By households and other cons.	3400	3023	3343	4366	4413	4515
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2264	2255	2321	3043	3155	3173
Combustible fuels	819	786	816	1209	1113	1087
Hydro	800	798	826	821	826	834
Nuclear	..	..	..	..	..	..
Other	646	671	679	1014	1216	1252
Main activity	2264	2255	2271	2679	2791	2835
Combustible fuels	819	786	766	845	749	749
Hydro	800	798	826	821	826	834
Nuclear	..	..	..	..	..	..
Other	646	671	679	1014	1216	1252
Combustible fuel input	Terajoules					
Biogas	4	8	5	4	4	2
Gas-diesel oil	3612	2263	1196	9116	9159	3268
Fuel oil	7874	5484	11009	*7272	4646	5050
Vegetal waste	16800	15460	16800	*16500	*15000	*8250
Total input	28290	23215	29010	*32892	*28809	16570
Total production	5295	5606	9956	6043	5493	3209
Estimated efficiency (% of production to input)	19	24	34	18	19	19

Statistics on electricity

Kiribati

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*29	*31	*31	*32	*32	*31
Combustible fuels	*26	*26	*26	*27	*27	*26
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	5	5	5	5	*5
Main activity	*27	*29	*29	*29	*30	*29
Combustible fuels	*24	*24	*24	*24	*25	*24
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	5	5	5	5	*5
Own use in electricity, CHP and heat plants	1	1	1	1	1	*1
Net production	*29	*30	*30	*30	*31	*30
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*5	*5	*5	*5	*5	*3
Consumption	*22	*24	*24	*25	*26	*26
Energy industries own use	..	..	..	..	..	..
By industry and construction	*2	*2	*2	*2	*2	*2
By transport	..	..	..	..	..	..
By households and other cons.	*20	*22	*22	*23	*24	*24
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*10	*11	*11	*11	*11	*11
Combustible fuels	*8	*8	*8	*8	*8	*8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	3	3	3	3	*3
Main activity	*9	*10	*10	*10	*10	*10
Combustible fuels	*7	*7	*7	*7	*7	*7
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	3	3	3	3	*3
Combustible fuel input	Terajoules					
Gas-diesel oil	*258	*258	*292	*310	*331	*301
Total input	*258	*258	*292	*310	*331	*301
Total production	*92	*94	*94	*95	*96	*94
Estimated efficiency (% of production to input)	36	37	32	31	29	31

Statistics on electricity

Korea, Dem.Ppl's.Rep.

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	13748	16272	14451	15044	13580	15210
Combustible fuels	3737	3459	2537	2229	2563	2394
Hydro	10000	12800	11900	12800	11000	12800
Nuclear	..	..	..	..	..	..
Other	11	13	14	15	16	16
Main activity	13748	16272	14451	15044	13580	15210
Combustible fuels	3737	3459	2537	2229	2563	2394
Hydro	10000	12800	11900	12800	11000	12800
Nuclear	..	..	..	..	..	..
Other	11	13	14	15	16	16
Own use in electricity, CHP and heat plants	1303	1542	1369	1426	1287	1441
Net production	12445	14730	13081	13618	12293	13769
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2173	2571	2283	2377	2146	2403
Consumption	10272	12159	10798	11241	10147	11365
Energy industries own use	..	..	..	..	..	..
By industry and construction	5136	6080	7367	7669	6923	7754
By transport	..	..	325	338	306	342
By households and other cons.	5136	6079	3106	3234	2919	3269
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	7435	7693	7756	8188	8192	8267
Combustible fuels	2960	2960	2960	3360	3360	*3360
Hydro	4467	4701	4761	4790	4790	4865
Nuclear	..	..	..	..	..	..
Other	*8	32	35	38	42	42
Main activity	7435	7693	7756	8188	8192	8267
Combustible fuels	2960	2960	2960	3360	3360	*3360
Hydro	4467	4701	4761	4790	4790	4865
Nuclear	..	..	..	..	..	..
Other	*8	32	35	38	42	42
Combustible fuel input	Terajoules					
Hard Coal	22517	25612	20195	16854	18856	17736
Brown Coal	4168	4537	3164	2638	2950	2775
Fuel oil	14706	17049	14134	13843	16757	15446
Total input	41390	47198	37493	33336	38564	35957
Total production	13453	12452	9132	8024	9228	8617
Estimated efficiency (% of production to input)	33	26	24	24	24	24

Statistics on electricity
Korea, Republic of

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	552697	562700	566893	590129	581492	578595
Combustible fuels	375110	385483	400161	435310	410786	386067
Hydro	5796	6634	7006	7270	6249	7148
Nuclear	164762	161995	148427	133505	145910	160184
Other	7029	8588	11299	14043	18547	25195
Main activity	522835	527687	533241	554403	549652	547980
Combustible fuels	345891	351259	367474	400707	380291	356960
Hydro	5796	6634	7006	7270	6249	7148
Nuclear	164762	161995	148427	133505	145910	160184
Other	6386	7799	10335	12921	17202	23688
Own use in electricity, CHP and heat plants	23733	22616	21097	23284	22393	21683
Net production	528964	540084	545796	566845	559099	556911
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	17979	18475	18790	18183	19000	18610
Consumption	511469	534858	543861	550590	542836	532348
Energy industries own use	16158	17587	20624	19216	19020	19653
By industry and construction	262369	265383	274429	278814	272589	262376
By transport	2217	2689	2864	2967	3111	3271
By households and other cons.	230725	249199	245944	249593	248116	247048
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	103421	111583	123550	128299	132870	139145
Combustible fuels	70108	75559	86377	89014	88174	89555
Hydro	6471	6485	6489	6490	6509	6506
Nuclear	21716	23116	22529	21850	23250	23250
Other	5126	6423	8155	10945	14936	19834
Main activity	96330	103976	114020	117742	122842	128751
Combustible fuels	63704	68903	78130	80138	80211	81592
Hydro	6471	6485	6489	6490	6509	6506
Nuclear	21716	23116	22529	21850	23250	23250
Other	4439	5472	6872	9263	12871	17403
Combustible fuel input	Terajoules					
Hard Coal	2106320	2107076	2117887	2113890	2011638	1699734
Brown Coal	145713	140268	208596	209868	187907	159243
Fuel oil	76073	112070	44641	48864	28553	18122
Naphtha	63680	55136	45689	47573	31957	31634
Petroleum coke	15925	10628	20575	21129	25577	19480
Natural gas	889749	952847	993522	1204485	1156396	1276037
Coke-oven gas	35247	35474	39417	41093	37527	33516
Blast furnace gas	124623	120427	121844	121419	120192	117874
Fuelwood	*10176	*38807	*41348	*52534	*55244	*54312
Other recovered gases	22509	23676	23219	23177	22465	21131
Others	36411	33591	43312	46286	50158	44009
Total input	3526426	3629999	3700053	3930317	3727614	3475092
Total production	1350396	1387739	1440581	1567116	1478831	1389842
Estimated efficiency (% of production to input)	38	38	39	40	40	40

Statistics on electricity

Kosovo

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6119	5981	5918	5915	6351	6711
Combustible fuels	5979	5736	5738	5611	6037	6348
Hydro	140	245	179	273	213	263
Nuclear	..	..	..	..	..	..
Other	..	..	1	32	101	101
Main activity	6119	5981	5918	5915	6351	6711
Combustible fuels	5979	5736	5738	5611	6037	6348
Hydro	140	245	179	273	213	263
Nuclear	..	..	..	..	..	..
Other	..	..	1	32	101	101
Own use in electricity, CHP and heat plants	618	430	617	535	500	551
Net production	5501	5551	5301	5381	5851	6160
Imports	684	557	1242	825	928	966
Exports	553	1064	880	677	905	1283
Losses	999	1174	1317	1125	1145	945
Consumption	4622	3871	4338	4398	4714	4894
Energy industries own use	0	0	..	..	..	..
By industry and construction	1368	1048	1063	980	1043	1072
By transport	..	..	..	..	..	..
By households and other cons.	3254	2823	3275	3418	3671	3822
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	959	1009	1409	1409	1417	1442
Combustible fuels	915	915	1288	1288	1288	1288
Hydro	43	86	80	80	85	110
Nuclear	..	..	..	..	..	..
Other	1	8	40	40	44	44
Main activity	959	1009	1409	1409	1417	1442
Combustible fuels	915	915	1288	1288	1288	1288
Hydro	43	86	80	80	85	110
Nuclear	..	..	..	..	..	..
Other	1	8	40	40	44	44
Combustible fuel input	Terajoules					
Brown Coal	63532	66473	55789	59501	62182	63282
Gas-diesel oil	86	86	72	62	87	80
Fuel oil	121	121	72	71	71	99
Total input	63739	66680	55932	59634	62340	63461
Total production	21524	20650	20657	20199	21732	22852
Estimated efficiency (% of production to input)	34	31	37	34	35	36

Statistics on electricity

Kuwait

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	68288	70100	72826	74161	75082	74757
Combustible fuels	68288	70085	72788	74103	74950	74544
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	15	38	58	132	213
Main activity	68288	70100	72826	74161	75082	74757
Combustible fuels	68288	70085	72788	74103	74950	74544
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	15	38	58	132	213
Own use in electricity, CHP and heat plants	7878	8183	7957	8370	7835	7929
Net production	60410	61917	64869	65791	67247	66828
Imports	133	171	553	202	..	..
Exports	175	213	390	535	..	..
Losses	6037	6188	6503	6546	6701	6636
Consumption	54331	55688	58529	58913	65541	65180
Energy industries own use	14895	5317	4866	5118	5230	5460
By industry and construction	..	9950	11180	11033	16534	16372
By transport	..	..	..	..	..	..
By households and other cons.	39436	40421	42483	42762	43777	43348
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	18279	18883	18767	18778	19252	*19252
Combustible fuels	18279	18850	18723	18723	19196	*19196
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	33	44	55	56	56
Main activity	18259	18883	18767	18778	19252	*19252
Combustible fuels	18259	18850	18723	18723	19196	*19196
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	33	44	55	56	56
Combustible fuel input	Terajoules					
Crude oil	28510	23857	54019	36642	20209	153000
Gas-diesel oil	49407	33024	29953	20888	30949	26230
Fuel oil	283406	293950	252296	260576	237212	138850
Natural gas	377668	407319	403477	434116	466577	435986
Total input	738991	758151	739745	752223	754946	754066
Total production	245837	252306	262037	266771	269822	268357
Estimated efficiency (% of production to input)	33	33	35	35	36	36

Statistics on electricity
Kyrgyzstan

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	13030	13262	15514	15728	15100	15404
Combustible fuels	1930	1768	1311	1410	1256	1425
Hydro	11100	11494	14203	14318	13844	13979
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	13006	13236	15499	15689	15068	15378
Combustible fuels	1906	1742	1296	1371	1224	1399
Hydro	11100	11494	14203	14318	13844	13979
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	244	182	136	194	142	447
Net production	12786	13080	15378	15534	14958	14957
Imports	729	330	..	..	269	352
Exports	184	199	1215	755	271	302
Losses	2668	2655	2844	2814	2514	2745
Consumption	10663	10428	11190	11965	12442	12262
Energy industries own use	76	268	182	101	86	74
By industry and construction	2356	1709	1763	2510	2190	1411
By transport	174	45	46	44	31	17
By households and other cons.	8057	8406	9199	9310	10135	10760
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*3865	*3786	3869	*3869	3869	3869
Combustible fuels	*801	*722	*734	*734	734	734
Hydro	*3064	*3064	3135	*3135	3135	3135
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*3859	*3780	3863	*3863	3863	3863
Combustible fuels	*795	*716	*728	*728	728	728
Hydro	*3064	*3064	3135	*3135	3135	3135
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	18775	9922	6120	4043	527	2039
Brown Coal	5334	6389	6462	8367	8441	9730
Gas-diesel oil	0	0	..	..	..	..
Fuel oil	646	364	566	1010	606	929
Natural gas	2419	2710	1697	1142	1270	1207
Total input	27175	19385	14845	14563	10844	13905
Total production	6948	6365	4720	5076	4522	5130
Estimated efficiency (% of production to input)	26	33	32	35	42	37

Statistics on electricity
Lao People's Dem. Rep.

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	16730	25068	33227	36762	31133	*39967
Combustible fuels	2476	7120	12441	13703	12194	*13665
Hydro	14252	17946	20777	22999	18899	*26262
Nuclear	..	..	..	..	..	..
Other	2	2	9	60	40	*41
Main activity	16730	25068	33227	36762	31133	*39967
Combustible fuels	2476	7120	12441	13703	12194	*13665
Hydro	14252	17946	20777	22999	18899	*26262
Nuclear	..	..	..	..	..	..
Other	2	2	9	60	40	*41
Own use in electricity, CHP and heat plants	229	2	0	1	0	*2
Net production	16501	25066	33227	36761	31133	*39965
Imports	2050	787	500	302	1345	*1331
Exports	11559	19650	24901	27216	*22460	*28833
Losses	2565	1673	3861	*4431	*3424	*5196
Consumption	4239	4660	4966	5417	6596	*7268
Energy industries own use	..	..	..	..	..	..
By industry and construction	1745	1916	2087	2286	3099	*3415
By transport	..	..	..	..	..	..
By households and other cons.	2494	2744	2880	3130	3496	*3853
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	5813	6460	6931	7187	8014	9998
Combustible fuels	1918	1918	1903	1909	*1909	*2600
Hydro	3894	4538	5006	5256	6083	7376
Nuclear	..	..	..	..	..	..
Other	2	4	22	22	22	*22
Main activity	5813	6460	6931	7187	8014	9998
Combustible fuels	1918	1918	1903	1909	*1909	*2600
Hydro	3894	4538	5006	5256	6083	7376
Nuclear	..	..	..	..	..	..
Other	2	4	22	22	22	*22
Combustible fuel input	Terajoules					
Brown Coal	41605	116303	149008	*154224	*137305	*134810
Bagasse	*54	*77	*425	*421	*425	*448
Total input	41659	116380	149432	*154645	*137729	*135258
Total production	8914	25632	44788	49331	43898	*49192
Estimated efficiency (% of production to input)	21	22	30	32	32	36

Statistics on electricity

Latvia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	5533	6425	7531	6725	6438	5725
Combustible fuels	3526	3767	3000	4170	4174	2940
Hydro	1860	2530	4381	2432	2108	2603
Nuclear	..	..	..	..	..	..
Other	147	128	150	123	157	182
Main activity	5276	6214	7337	6535	6251	5543
Combustible fuels	3273	3560	2812	3984	3994	2767
Hydro	1858	2528	4377	2430	2106	2601
Nuclear	..	..	..	..	..	..
Other	145	126	148	121	152	175
Own use in electricity, CHP and heat plants	441	499	506	522	491	283
Net production	5092	5926	7025	6203	5947	5442
Imports	5246	4828	4073	5174	4611	4173
Exports	3425	3795	4137	4265	3493	2548
Losses	451	476	474	448	427	377
Consumption	6461	6482	6485	6662	6637	6689
Energy industries own use	..	..	..	..	..	165
By industry and construction	1703	1667	1763	1842	1846	1864
By transport	106	105	105	104	101	94
By households and other cons.	4652	4710	4617	4717	4690	4566
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2931	2927	2941	2915	2938	2944
Combustible fuels	1275	1292	1299	1270	1270	1274
Hydro	1588	1564	1564	1565	1587	1586
Nuclear	..	..	..	..	..	..
Other	68	71	78	80	81	83
Main activity	2889	2883	2908	2881	2904	2905
Combustible fuels	1234	1251	1268	1239	1241	1243
Hydro	1587	1563	1563	1563	1585	1585
Nuclear	..	..	..	..	..	..
Other	68	69	77	78	78	78
Combustible fuel input	Terajoules					
Hard Coal	96	143	50	90	42	0
Peat	0	0	..	85	0	1
Biogas	3310	3424	3569	3291	3033	3021
Gas-diesel oil	0	0	6	4	3	1
Fuel oil	0	0	0	0	0	0
Liquefied petroleum gas	..	..	0	0	0	0
Other oil products	..	..	0	0	0	0
Natural gas	32244	32978	18586	27058	26417	17267
Fuelwood	*8359	*10331	*11070	*11693	*11341	*11159
Biodiesel	0	0	..	2	..	..
Total input	44009	46876	33281	42222	40837	31448
Total production	12694	13561	10800	15012	15025	10584
Estimated efficiency (% of production to input)	29	29	32	36	37	34

Statistics on electricity

Lebanon

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	20720	21457	23411	23150	23819	18344
Combustible fuels	20226	21047	22955	22754	22736	17200
Hydro	479	382	415	348	965	1025
Nuclear	..	..	..	..	..	..
Other	15	28	41	48	118	*120
Main activity	12253	13060	14498	15234	14702	12364
Combustible fuels	11774	12678	14083	14886	13737	11340
Hydro	479	382	415	348	965	1025
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	15	28	41	48	132	122
Net production	20705	21429	23370	23102	23687	18222
Imports	268	69	534	11	90	0
Exports	..	..	..	..	..	..
Losses	*1888	*1935	*2151	*2080	*2140	1873
Consumption	*19085	*19563	*21753	*21033	21637	16350
Energy industries own use	..	..	..	..	..	..
By industry and construction	*5001	*5126	*5700	*5511	*5669	4292
By transport	..	..	..	..	..	..
By households and other cons.	*14084	*14437	*16053	*15522	15968	12059
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3646	3665	3730	3736	3773	*3773
Combustible fuels	3359	3359	3409	3409	3409	*3409
Hydro	*274	280	282	282	282	282
Nuclear	..	..	..	..	..	..
Other	13	26	39	45	82	82
Main activity	2586	2592	2594	2594	2594	*2594
Combustible fuels	2309	2309	2309	2309	2309	*2309
Hydro	*274	280	282	282	282	282
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	3
Combustible fuel input	Terajoules					
Biogas	..	..	..	83	415	257
Gas-diesel oil	126631	126133	124593	122210	128969	*98292
Fuel oil	57173	62844	77415	75581	70782	*63171
Natural gas	0	..	..	..	..	..
Total input	183804	188976	202007	197874	200166	*161719
Total production	72814	75769	82638	81914	81850	61918
Estimated efficiency (% of production to input)	40	40	41	41	41	38

Statistics on electricity

Lesotho

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	532	508	502	517	393	427
Combustible fuels	..	0	*1	1	1	*1
Hydro	532	508	501	517	392	426
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	532	508	502	517	393	427
Combustible fuels	..	0	*1	1	1	*1
Hydro	532	508	501	517	392	426
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	1	1	0	1
Net production	532	508	501	517	393	426
Imports	261	373	387	397	542	442
Exports	4	3	1	3	1	1
Losses	122	154	116	115	130	87
Consumption	*694	*765	700	807	791	673
Energy industries own use	..	..	..	..	..	..
By industry and construction	*225	*267	309	320	312	207
By transport	..	..	..	..	..	..
By households and other cons.	*469	*498	391	487	479	466
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	80	81	75	75	75	75
Combustible fuels	..	*1	*1	1	1	1
Hydro	80	80	74	74	74	74
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	80	81	75	75	75	75
Combustible fuels	..	*1	*1	1	1	1
Hydro	80	80	74	74	74	74
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	..	*4	*4	*4	7	*7
Total input	..	*4	*4	*4	7	*7
Total production	..	*1	*2	2	2	*2
Estimated efficiency (% of production to input)	..	35	56	54	35	31

Statistics on electricity
Liberia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*331	*323	*478	*405	*418	*446
Combustible fuels	*310	*302	*351	*277	*290	*318
Hydro	*21	*21	*124	*124	*124	*124
Nuclear	..	..	..	..	..	..
Other	..	..	*3	*4	*4	*4
Main activity	*126	*123	*275	*201	*214	*242
Combustible fuels	*105	*102	*151	*77	*90	*118
Hydro	*21	*21	*124	*124	*124	*124
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*14	*10	*10	*10	*10	*10
Net production	*317	*313	*468	*395	*408	*436
Imports	..	*20	*20	*20	*20	*20
Exports	..	..	..	..	..	..
Losses	*33	*66	*147	*137	*144	*152
Consumption	*284	*267	*341	*278	*284	*304
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*284	*267	*341	*278	*284	*304
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*102	*107	*194	*195	*195	*185
Combustible fuels	*93	*98	*100	*100	*100	*102
Hydro	*9	*9	*92	*92	*92	80
Nuclear	..	..	..	..	..	..
Other	..	0	*2	*3	*3	*3
Main activity	*32	37	*122	*122	*122	112
Combustible fuels	*23	28	*30	*30	*30	32
Hydro	*9	*9	*92	*92	*92	80
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*3225	*3182	*3702	*2915	*3057	*3350
Fuel oil	0	..	..	..	..	..
Total input	*3225	*3182	*3702	*2915	*3057	*3350
Total production	*1116	*1088	*1265	*997	*1045	*1146
Estimated efficiency (% of production to input)	35	34	34	34	34	34

Statistics on electricity

Libya

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	37511	31420	33282	34171	34629	29499
Combustible fuels	37503	31412	33274	34164	34621	29491
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	8	8	8	8	8
Main activity	37511	31420	33282	34171	34629	29499
Combustible fuels	37503	31412	33274	34164	34621	29491
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	8	8	8	8	8
Own use in electricity, CHP and heat plants	731	1004	999	843	802	835
Net production	36780	30416	32283	33328	33827	28664
Imports	..	376	302	465	776	1259
Exports	..	..	..	..	..	..
Losses	7127	6327	6683	6893	6985	5950
Consumption	15282	13988	14133	17605	18001	17442
Energy industries own use	..	..	..	..	..	..
By industry and construction	1892	1213	1225	1169	1323	533
By transport	..	..	..	..	..	..
By households and other cons.	13390	12775	12908	16436	16678	16909
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	9460	10249	10243	10516	10516	*10516
Combustible fuels	9455	10244	10238	10511	10511	*10511
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	5	5	5	5	*5
Main activity	9460	10249	10243	10516	10516	*10516
Combustible fuels	9455	10244	10238	10511	10511	*10511
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	5	5	5	5	*5
Combustible fuel input	Terajoules					
Gas-diesel oil	134246	52632	79206	85152	87003	56459
Fuel oil	36602	32845	24278	31431	26061	21476
Natural gas	231270	266071	266448	261466	271271	252387
Total input	402118	351548	369932	378048	384334	330322
Total production	135011	113083	119786	122989	124635	106168
Estimated efficiency (% of production to input)	34	32	32	33	32	32

Statistics on electricity

Liechtenstein

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	70	90	93	89	103	104
Combustible fuels	2	2	2	2	2	2
Hydro	49	68	69	62	75	72
Nuclear	..	..	..	..	..	..
Other	19	20	22	25	26	30
Main activity	70	90	93	89	103	104
Combustible fuels	2	2	2	2	2	2
Hydro	49	68	69	62	75	72
Nuclear	..	..	..	..	..	..
Other	19	20	22	25	26	30
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	70	90	93	89	103	104
Imports	325	309	314	321	307	299
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	395	399	407	410	410	402
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	395	399	407	410	410	402
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*22	*23	*24	*26	*27	*29
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	*11	*12	*13	*15	*16	*18
Main activity	*22	*23	*24	*26	*27	*29
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	*10	*10	*10	*10	*10	*10
Nuclear	..	..	..	..	..	..
Other	*11	*12	*13	*15	*16	*18
Combustible fuel input	Terajoules					
Biogas	0	*1	*1	0	*1	*1
Natural gas	*25	*26	*25	*20	*21	*20
Municipal waste	0	0	0	0	0	0
Total input	*25	*27	*26	*20	*22	*21
Total production	8	9	8	6	8	7
Estimated efficiency (% of production to input)	32	32	32	32	34	32

Statistics on electricity

Lithuania

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4933	4266	4187	3511	3972	5518
Combustible fuels	2761	1750	1324	1089	1210	2550
Hydro	1024	1044	1181	960	948	1080
Nuclear	..	..	..	..	..	..
Other	1148	1472	1682	1462	1814	1887
Main activity	4002	3378	3361	2864	3151	4702
Combustible fuels	2095	1132	748	674	612	1941
Hydro	1024	1044	1181	960	948	1080
Nuclear	..	..	..	..	..	..
Other	883	1202	1432	1231	1591	1681
Own use in electricity, CHP and heat plants	257	215	191	197	207	256
Net production	4676	4051	3996	3314	3765	5261
Imports	7938	11106	11926	12848	13268	12013
Exports	730	2831	3249	3215	3924	4105
Losses	793	907	914	935	886	952
Consumption	11089	11416	11757	12010	12219	12216
Energy industries own use	1747	1666	1697	1611	1678	1861
By industry and construction	3313	3417	3635	3686	3794	3739
By transport	67	72	74	80	78	73
By households and other cons.	5962	6261	6350	6633	6670	6544
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3587	3665	3326	3354	3378	3491
Combustible fuels	2180	2184	1832	1837	1839	1885
Hydro	877	877	877	877	877	877
Nuclear	..	..	..	..	..	..
Other	530	604	617	640	662	729
Main activity	3313	3387	3046	3074	3096	3209
Combustible fuels	1931	1931	1577	1582	1582	1628
Hydro	877	877	877	877	877	877
Nuclear	..	..	..	..	..	..
Other	505	579	592	615	637	704
Combustible fuel input	Terajoules					
Peat	0	0	0	0	0	0
Biogas	669	996	1004	1209	1264	1236
Gas-diesel oil	0	0	0	0	0	0
Fuel oil	2060	1091	634	606	263	634
Liquefied petroleum gas	0	0	0	0	0	0
Refinery gas	198	396	282	366	198	248
Natural gas	21472	14542	11180	9045	8339	15591
Fuelwood	*6365	*5911	*7192	*7887	*7835	*8447
Municipal waste	1312	2480	2443	1678	1503	2612
Industrial waste	290	486	181	584	665	927
Others	0	0	0	0	0	0
Total input	32366	25902	22916	21375	20067	29695
Total production	9940	6300	4766	3921	4357	9181
Estimated efficiency (% of production to input)	31	24	21	18	22	31

Statistics on electricity

Luxembourg

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2766	2196	2235	2200	1908	2234
Combustible fuels	1030	467	470	490	547	627
Hydro	1530	1528	1422	1337	949	1094
Nuclear	..	..	..	..	..	..
Other	206	201	343	373	412	512
Main activity	2492	1911	1957	1918	1623	1926
Combustible fuels	866	290	304	331	398	485
Hydro	1524	1520	1418	1332	944	1090
Nuclear	..	..	..	..	..	..
Other	102	101	235	255	281	351
Own use in electricity, CHP and heat plants	28	28	30	30	31	24
Net production	2738	2168	2205	2170	1877	2210
Imports	7519	7718	7567	7553	6818	6543
Exports	1919	1420	1389	1392	939	1079
Losses	158	158	156	155	156	146
Consumption	8174	8309	8227	8176	7600	7530
Energy industries own use	1951	1943	1834	1717	1203	1410
By industry and construction	3145	3432	3008	3175	3006	2929
By transport	139	138	142	151	157	149
By households and other cons.	2939	2796	3243	3133	3233	3042
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2024	1710	1706	1712	1775	1808
Combustible fuels	514	138	127	128	149	138
Hydro	1330	1330	1331	1330	1330	1331
Nuclear	..	..	..	..	..	..
Other	180	242	248	254	296	339
Main activity	1844	1509	1520	1527	1560	1576
Combustible fuels	452	61	72	76	95	95
Hydro	1328	1328	1329	1329	1329	1329
Nuclear	..	..	..	..	..	..
Other	64	120	120	123	136	153
Combustible fuel input	Terajoules					
Biogas	395	448	447	485	483	456
Gas-diesel oil	0	43	8	4	5	4
Natural gas	7918	3620	3224	2769	2695	2642
Fuelwood	*598	*612	*1122	*1971	*3386	*5667
Municipal waste	1365	1400	1557	1552	1567	1441
Total input	10276	6123	6358	6781	8136	*10209
Total production	3708	1681	1692	1763	1971	2259
Estimated efficiency (% of production to input)	36	27	27	26	24	22