

Statistics on electricity

Cabo Verde

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	444	426	431	444	420	442
Combustible fuels	361	351	341	362	350	362
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	83	75	90	83	70	81
Main activity	443	425	430	444	419	442
Combustible fuels	361	350	340	361	349	361
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	83	75	90	83	70	81
Own use in electricity, CHP and heat plants	12	14	12	11	12	10
Net production	432	412	419	433	408	432
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	108	109	110	110	109	112
Consumption	*324	*303	*309	*323	*299	*320
Energy industries own use	..	..	..	..	..	..
By industry and construction	*48	*50	*52	*53	*47	*48
By transport	..	..	..	..	..	..
By households and other cons.	*276	*253	*257	*270	*252	*272
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	195	182	179	187	174	172
Combustible fuels	162	148	148	156	144	141
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	33	35	31	31	31	31
Main activity	194	182	178	186	174	171
Combustible fuels	161	147	147	155	143	140
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	33	35	31	31	31	31
Combustible fuel input	Terajoules					
Gas-diesel oil	*441	*497	*509	*565	*531	*526
Fuel oil	2631	2618	2517	2654	2525	2642
Total input	3072	3115	3026	3220	3056	3168
Total production	1301	1262	1228	1302	1259	1302
Estimated efficiency (% of production to input)	42	41	41	40	41	41

Statistics on electricity

Cambodia

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	5685	6831	8328	8995	8982	10159
Combustible fuels	3114	4115	3575	4872	4604	4193
Hydro	2568	2711	4737	4025	4073	5322
Nuclear	..	..	..	..	..	..
Other	3	5	17	98	306	643
Main activity	5685	6831	8328	8995	8982	10159
Combustible fuels	3114	4115	3575	4872	4604	4193
Hydro	2568	2711	4737	4025	4073	5322
Nuclear	..	..	..	..	..	..
Other	3	5	17	98	306	643
Own use in electricity, CHP and heat plants	0	0	0	0	473	535
Net production	5685	6831	8328	8995	8509	9624
Imports	1550	1439	1567	3063	3820	3385
Exports	..	..	..	..	..	..
Losses	936	1332	1090	1360	1309	1385
Consumption	6222	7027	8632	10191	11092	11356
Energy industries own use	..	..	..	..	..	..
By industry and construction	1573	1748	2290	3383	3342	3443
By transport	..	..	..	..	..	..
By households and other cons.	4649	5279	6341	6808	7750	7913
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1683	1878	2187	2443	2991	3033
Combustible fuels	751	888	847	1007	1365	1325
Hydro	930	980	1330	1330	1330	1332
Nuclear	..	..	..	..	..	..
Other	*2	10	10	105	297	377
Main activity	1683	1878	2187	2443	2991	3033
Combustible fuels	751	888	847	1007	1365	1325
Hydro	930	980	1330	1330	1330	1332
Nuclear	..	..	..	..	..	..
Other	*2	10	10	105	297	377
Combustible fuel input	Terajoules					
Brown Coal	27724	30719	32858	41546	41823	36698
Gas-diesel oil	3431	2077	2146	5250	688	852
Fuel oil	2157	1305	1349	3301	3757	4654
Vegetal waste	575	538	488	1388	*1505	*1510
Total input	33888	34638	36841	51485	47773	43715
Total production	11210	14814	12868	17538	16573	15096
Estimated efficiency (% of production to input)	33	43	35	34	35	35

Statistics on electricity
Cameroon

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	7535	8088	8590	8483	8650	7940
Combustible fuels	2771	2982	3547	3234	3660	2987
Hydro	4752	5090	5023	5229	4945	4907
Nuclear	..	..	..	..	..	..
Other	12	16	20	20	45	46
Main activity	5042	5392	5337	5487	5173	5078
Combustible fuels	278	286	295	238	182	126
Hydro	4752	5090	5023	5229	4945	4907
Nuclear	..	..	..	..	..	..
Other	12	16	20	20	45	46
Own use in electricity, CHP and heat plants	220	236	251	248	253	232
Net production	7315	7852	8339	8236	8398	7708
Imports	55	60	49	53	58	..
Exports	..	..	..	..	..	..
Losses	1693	1790	1805	1864	1900	1744
Consumption	5763	6186	6570	6488	6616	6073
Energy industries own use	..	..	..	..	..	..
By industry and construction	3216	3452	3666	3621	3692	3389
By transport	..	..	..	..	..	..
By households and other cons.	2547	2734	2903	2868	2924	2684
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*1941	*2053	*1664	*1744	*1749	*1749
Combustible fuels	*1200	*1265	*918	*918	*923	*923
Hydro	*732	777	732	812	812	812
Nuclear	..	..	..	..	..	..
Other	9	12	14	14	14	14
Main activity	*1291	1403	1014	1094	1099	1099
Combustible fuels	*550	615	268	268	273	273
Hydro	*732	777	732	812	812	812
Nuclear	..	..	..	..	..	..
Other	9	12	14	14	14	14
Combustible fuel input	Terajoules					
Gas-diesel oil	10320	10616	10914	9375	7836	6297
Fuel oil	3353	3455	3554	2875	2197	1518
Natural gas	20295	22550	29315	27673	35469	29232
Fuelwood	*343	*355	*369	*382	*384	*398
Total input	34311	36977	44153	40306	45886	37446
Total production	9976	10736	12770	11644	13176	10755
Estimated efficiency (% of production to input)	29	29	29	29	29	29

Statistics on electricity
Canada

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	666045	663262	659061	652776	651458	642974
Combustible fuels	143952	131690	134555	132277	125783	126266
Hydro	385505	394659	385967	381843	386617	382867
Nuclear	101429	101299	100731	101197	98195	92629
Other	35159	35614	37808	37459	40863	41212
Main activity	604807	599900	596699	591620	590514	589294
Combustible fuels	112568	100438	103880	102369	95198	96073
Hydro	357230	364520	356414	352967	358839	361952
Nuclear	101429	101299	100731	101197	98195	92629
Other	33580	33643	35674	35087	38282	38640
Own use in electricity, CHP and heat plants	19323	18611	18699	18534	18019	17703
Net production	646722	644651	640362	634242	633439	625271
Imports	9303	9904	13195	13333	9802	13016
Exports	73103	72040	61401	60411	67152	60393
Losses	32537	35407	33525	33548	32891	31949
Consumption	516793	536126	545835	551990	539936	548030
Energy industries own use	20494	20378	17672	23149	21801	23398
By industry and construction	176717	184167	188343	185595	177287	184916
By transport	7295	7865	7962	7734	7603	7955
By households and other cons.	312287	323716	331858	335512	333245	331761
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	146620	147444	148464	148929	150598	153388
Combustible fuels	37561	37305	37549	37393	39157	39397
Hydro	80304	80831	81570	81570	81570	82710
Nuclear	14033	14033	13338	13338	12513	12513
Other	14722	15275	16007	16628	17358	18768
Main activity	134670	135374	136027	136399	137652	140167
Combustible fuels	31874	31747	31850	31708	33203	33408
Hydro	75181	75699	76395	76395	76395	77407
Nuclear	14033	14033	13338	13338	12513	12513
Other	13582	13895	14444	14958	15541	16839
Combustible fuel input	Terajoules					
Hard Coal	48580	48616	52038	49663	43962	42234
Brown Coal	530956	524953	396763	374090	298191	267523
Biogas	9775	9161	8649	8543	8222	8220
Gas-diesel oil	13158	12728	14749	13760	12685	13287
Fuel oil	27957	26220	23109	19675	16928	18584
Refinery gas	11534	11039	12920	9554	9851	6732
Petroleum coke	28438	27755	28275	26520	20410	15080
Natural gas	667746	624031	727501	736919	751676	821183
Fuelwood	*103421	*98899	*95952	*93993	*87063	*88090
Municipal waste	4375	4529	4434	4406	4445	4408
Others	3160	3385	2814	2958	2728	2585
Total input	1449099	1391315	1367203	1340080	1256159	1287926
Total production	518227	474084	484398	476197	452819	454558
Estimated efficiency (% of production to input)	36	34	35	36	36	35

Statistics on electricity
Cayman Islands

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	666	671	658	696	668	678
Combustible fuels	666	671	658	696	668	678
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	666	671	658	696	668	678
Combustible fuels	666	671	658	696	668	678
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	666	671	658	696	668	678
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	40	29	9	6	3	2
Consumption	627	642	649	689	665	677
Energy industries own use	..	..	..	..	..	..
By industry and construction	311	312	318	330	292	301
By transport	..	..	..	..	..	..
By households and other cons.	316	330	331	359	373	376
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	161	161	161	161	161	161
Combustible fuels	161	161	161	161	161	161
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	161	161	161	161	161	161
Combustible fuels	161	161	161	161	161	161
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	5246	5534	5586	6368	6105	6075
Total input	5246	5534	5586	6368	6105	6075
Total production	2399	2414	2368	2504	2404	2442
Estimated efficiency (% of production to input)	46	44	42	39	39	40

Statistics on electricity

Central African Rep.

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	143	145	147	149	*146	*145
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	142	144	146	148	*145	*143
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
Main activity	143	145	147	149	*146	*145
Combustible fuels	*1	*1	*1	*1	*1	*1
Hydro	142	144	146	148	*145	*143
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	*1
Own use in electricity, CHP and heat plants	0	0	0	0	0	*1
Net production	143	145	147	149	*146	*144
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*10	*10	*10	*10	*10	*10
Consumption	*133	*135	*137	*139	*136	*135
Energy industries own use	..	..	..	..	..	..
By industry and construction	*65	*65	*65	*65	*63	*63
By transport	..	..	..	..	..	..
By households and other cons.	*68	*70	*72	*74	*73	*72
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*44	*44	*44	*44	*44	*44
Combustible fuels	*19	*19	*19	*19	*19	*19
Hydro	*25	*25	*25	*25	*25	*25
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*44	*44	*44	*44	*44	*44
Combustible fuels	*19	*19	*19	*19	*19	*19
Hydro	*25	*25	*25	*25	*25	*25
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*15	*15	*15	*15	*15	*17
Total input	*15	*15	*15	*15	*15	*17
Total production	*4	*4	*4	*4	*4	*4
Estimated efficiency (% of production to input)	24	24	24	24	24	22

Statistics on electricity
Chad

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	303	308	312	317	335	335
Combustible fuels	294	299	303	308	326	326
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	9	9	9	9	9	9
Main activity	303	308	312	317	335	335
Combustible fuels	294	299	303	308	326	326
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	9	9	9	9	9	9
Own use in electricity, CHP and heat plants	17	17	19	20	20	20
Net production	286	291	293	297	315	315
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*44	*45	*45	*46	*53	*53
Consumption	*240	*242	*245	*249	*259	*256
Energy industries own use	..	..	..	..	..	..
By industry and construction	*83	*85	*86	*87	*87	*87
By transport	..	..	..	..	..	..
By households and other cons.	*157	*157	*159	*162	*172	*169
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	163	163	163	163	163	163
Combustible fuels	162	162	162	162	162	162
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Main activity	163	163	163	163	163	163
Combustible fuels	162	162	162	162	162	162
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	*2537	*2537	*2580	*2636	*2666	*2709
Total input	*2537	*2537	*2580	*2636	*2666	*2709
Total production	1058	1076	1091	1109	1174	1174
Estimated efficiency (% of production to input)	42	42	42	42	44	43

Statistics on electricity

Chile

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	79335	79443	82339	84558	83994	88019
Combustible fuels	50973	50628	49952	50564	48331	50154
Hydro	23274	21315	23367	22477	21873	19348
Nuclear	..	..	..	..	..	..
Other	5088	7499	9020	11517	13790	18517
Main activity	72359	72059	75364	78033	77369	81391
Combustible fuels	44158	43290	43043	44076	41783	43752
Hydro	23113	21271	23307	22447	21816	19180
Nuclear	..	..	..	..	..	..
Other	5088	7497	9015	11510	13770	18458
Own use in electricity, CHP and heat plants	2855	2389	2431	2458	2393	1910
Net production	76480	77054	79908	82100	81600	86109
Imports	0	0	0	..	..	..
Exports	2	39	..	..	..	..
Losses	2873	4175	3511	3570	3281	4225
Consumption	70830	70350	73716	74843	75117	76961
Energy industries own use	659	727	682	746	603	640
By industry and construction	43611	41432	44091	44552	44810	44930
By transport	986	963	1151	1296	1289	1244
By households and other cons.	25574	27228	27792	28249	28416	30146
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	24530	26207	27534	27644	30001	32452
Combustible fuels	15695	16500	16877	16544	17564	17752
Hydro	6671	6656	6627	6341	6818	6797
Nuclear	..	..	..	..	..	..
Other	2164	3050	4030	4759	5619	7903
Main activity	22044	22538	23293	24288	25469	27920
Combustible fuels	13247	12842	12652	13234	13115	13303
Hydro	6635	6648	6619	6333	6768	6747
Nuclear	..	..	..	..	..	..
Other	2162	3047	4023	4721	5586	7870
Combustible fuel input	Terajoules					
Hard Coal	270189	281026	264847	310619	290873	256127
Biogas	2855	2904	3659	3327	2543	2358
Gas-diesel oil	21242	11459	7373	6717	10029	19862
Fuel oil	2868	3409	2074	1878	1897	2500
Liquefied petroleum gas	..	117	35	14	30	71
Refinery gas	0	0	..	..	..	..
Petroleum coke	7800	6663	7217	7345	4535	4886
Natural gas	99283	105835	100812	122629	117319	133417
Fuelwood	*140409	*157602	*147965	*145882	*138302	*147750
Black liquor	*32244	*33359	*38481	*35206	*39536	*61516
Total input	576891	602373	572464	633618	605063	628489
Total production	183503	182262	179829	182030	173991	180553
Estimated efficiency (% of production to input)	32	30	31	29	29	29

Statistics on electricity

China

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6133158	6604476	7166133	7503458	7779060	8534273
Combustible fuels	4437068	4754595	5096318	5220150	5330250	5805870
Hydro	1184048	1197865	1231787	1304440	1355210	1339000
Nuclear	213287	248100	294359	348350	366250	407520
Other	298755	403916	543669	630518	727350	981883
Main activity	5773312	6218878	6752822	7080104	7346777	8063417
Combustible fuels	4077222	4368997	4683007	4796796	4897967	5335014
Hydro	1184048	1197865	1231787	1304440	1355210	1339000
Nuclear	213287	248100	294359	348350	366250	407520
Other	298755	403916	543669	630518	727350	981883
Own use in electricity, CHP and heat plants	491447	509662	553523	570341	588602	622333
Net production	5641711	6094814	6612610	6933117	7190458	7911940
Imports	6185	6423	5688	4860	4750	5940
Exports	18907	19470	20906	21650	21790	20180
Losses	306293	319583	335171	333010	323350	325611
Consumption	5322766	5762182	6262126	6583287	6850062	7572092
Energy industries own use	230305	246475	261166	284598	282496	318204
By industry and construction	3344203	3608516	3848414	3981029	4142006	4509398
By transport	125149	141798	160850	175230	*175100	*199302
By households and other cons.	1623109	1765392	1991696	2142430	2250460	2545188
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1749872	1824130	1952038	2065020	2258630	2424060
Combustible fuels	1160274	1149480	1195998	1244540	1302840	1343670
Hydro	332071	344110	352590	358040	370280	390920
Nuclear	33642	35820	44660	48740	49890	53260
Other	223885	294720	358790	413700	535620	636210
Main activity	1650542	1779600	1900848	2010050	2202030	2377780
Combustible fuels	1060944	1104950	1144808	1189570	1246240	1297390
Hydro	332071	344110	352590	358040	370280	390920
Nuclear	33642	35820	44660	48740	49890	53260
Other	223885	294720	358790	413700	535620	636210
Combustible fuel input	Terajoules					
Hard Coal	37620001	39931035	42227542	43183471	43296262	47701343
Gas-diesel oil	12552	10268	11331	10397	11859	12418
Refinery gas	27938	33180	29928	26032	24844	22364
Petroleum coke	49280	47405	59387	58884	61711	66973
Natural gas	1724728	1863643	2155130	2230440	2483374	2812216
Coke-oven gas	339733	342407	326295	365890	383198	380736
Blast furnace gas	681240	721500	920268	980540	1173008	1145676
Vegetal waste	356699	412563	420814	420814	420814	420814
Industrial waste	164349	192755	182040	144619	122376	129286
Other recovered gases	..	..	..	155960	171071	*175000
Others	140011	164299	237430	21299	28134	23998
Total input	41116530	43719054	46570164	47598346	48176651	52890824
Total production	15973445	17116542	18346745	18792540	19188900	20901132
Estimated efficiency (% of production to input)	39	39	39	39	40	40

Statistics on electricity
China, Hong Kong SAR

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	38154	36970	36565	36911	35189	37071
Combustible fuels	38154	36970	36565	36911	35189	37071
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	38154	36970	36565	36911	35189	37071
Combustible fuels	38154	36970	36565	36911	35189	37071
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	38154	36970	36565	36911	35189	37071
Imports	11621	12576	12599	12381	12699	12555
Exports	1205	1341	556	..	..	..
Losses	4542	4373	4303	4373	3687	3812
Consumption	44028	43832	44305	44919	44201	45813
Energy industries own use	..	..	..	..	..	..
By industry and construction	3126	3110	3078	3004	2965	3101
By transport	..	..	..	..	..	..
By households and other cons.	40902	40722	41227	41915	41236	42712
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	12625	12492	12282	12225	13129	13240
Combustible fuels	12625	12492	12282	12225	13129	13240
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	12625	12492	12282	12225	13129	13240
Combustible fuels	12625	12492	12282	12225	13129	13240
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	280313	262592	269686	258248	137509	152761
Gas-diesel oil	3827	4257	3182	2236	2150	2537
Fuel oil	0	0	..	..	..	..
Liquefied petroleum gas	..	..	..	2176	1514	1230
Natural gas	106574	106754	103006	108340	172268	172889
Total input	390714	373603	375874	371000	313441	329417
Total production	137354	133092	131634	132880	126680	133456
Estimated efficiency (% of production to input)	35	36	35	36	40	41

Statistics on electricity
China, Macao SAR

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	988	1465	653	830	562	496
Combustible fuels	988	1465	653	830	562	496
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	0	0	0	0	0
Main activity	787	1260	474	613	373	287
Combustible fuels	787	1260	474	613	373	287
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	98	108	98	100	87	83
Net production	890	1357	555	730	475	413
Imports	4306	3952	4911	4976	4853	5192
Exports	..	..	..	..	..	..
Losses	158	139	150	157	136	151
Consumption	5050	5171	5321	5550	5192	5454
Energy industries own use	2	2	2	..	..	..
By industry and construction	218	204	193	184	173	182
By transport	..	..	..	..	..	4
By households and other cons.	4830	4965	5126	5366	5019	5268
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	501	397	397	397	397	397
Combustible fuels	501	397	397	397	397	397
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	0	0	0	0	0
Main activity	472	368	368	368	368	368
Combustible fuels	472	368	368	368	368	368
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	86	43	0	86	0	0
Fuel oil	6100	4727	1697	1333	1252	323
Natural gas	0	6344	2902	4531	2312	2636
Municipal waste	*3384	*3339	*3386	*3878	*3423	3554
Total input	9570	14453	7985	9828	6987	6513
Total production	3555	5275	2350	2987	2024	1784
Estimated efficiency (% of production to input)	37	36	29	30	29	27

Statistics on electricity

Colombia

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	74574	75125	78426	80415	79550	84428
Combustible fuels	27605	17641	21563	25622	29361	23337
Hydro	46918	57476	56809	54594	49977	60696
Nuclear	..	..	..	..	..	..
Other	51	8	54	200	211	395
Main activity	65933	66557	68943	69377	68541	73136
Combustible fuels	19094	9221	12241	14749	18503	12257
Hydro	46788	57328	56648	54437	49837	60496
Nuclear	..	..	..	..	..	..
Other	51	8	54	191	201	383
Own use in electricity, CHP and heat plants	130	148	161	2184	2326	2590
Net production	74444	74977	78265	78231	77223	81839
Imports	378	78	122	312	1302	479
Exports	45	9	16	0	251	364
Losses	7000	5560	8155	5724	6160	4954
Consumption	67467	69136	69902	74225	72356	80553
Energy industries own use	7629	7905	8371	6737	6449	10373
By industry and construction	18622	19289	19646	22640	20514	23336
By transport	96	97	104	94	81	89
By households and other cons.	41121	41846	41781	44754	45312	46755
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	17691	17931	18889	19026	18778	19102
Combustible fuels	5972	6084	6854	6869	6754	6754
Hydro	11700	11820	11931	12014	11945	11945
Nuclear	..	..	..	..	..	..
Other	18	28	*104	144	79	403
Main activity	16067	16307	17265	17402	17228	17552
Combustible fuels	4442	4554	5324	5339	5224	5224
Hydro	11606	11726	11837	11920	11945	11945
Nuclear	..	..	..	..	..	..
Other	18	28	*104	144	59	383
Combustible fuel input	Terajoules					
Hard Coal	65499	32505	45585	88207	97842	49251
Biogas	..	..	..	5	1	20
Crude oil	11018	11715	11880	12575	12120	11450
Gas-diesel oil	12638	13438	13627	14325	13728	16101
Fuel oil	0	0	0	520	255	521
Liquefied petroleum gas	1224	1405	1381	..	..	..
Natural gas	42708	45918	48447	95358	139282	119095
Blast furnace gas	384	346	349	360	279	292
Bagasse	7742	7536	56019	84032	92837	*87615
Total input	141212	112863	177288	295383	356344	284345
Total production	99379	63508	77626	92237	105701	84014
Estimated efficiency (% of production to input)	70	56	44	31	30	30

Statistics on electricity

Comoros

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	58	*91	*98	*108	*130	*136
Combustible fuels	58	*91	*98	*108	*130	*132
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	*4
Main activity	58	*91	*98	*108	*130	*136
Combustible fuels	58	*91	*98	*108	*130	*132
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	*4
Own use in electricity, CHP and heat plants	7	*11	*9	*10	*11	*12
Net production	51	*80	*90	*99	*119	*124
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*14	*22	*16	*18	*21	*22
Consumption	*38	*58	*74	*81	*98	*102
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*38	*58	*74	*81	*98	*102
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*27	*28	*28	*28	*28	32
Combustible fuels	*26	*27	*27	*27	*27	27
Hydro	1	1	1	1	1	*1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	4
Main activity	*26	*27	*27	*27	*27	31
Combustible fuels	*26	*27	*27	*27	*27	27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	4
Combustible fuel input	Terajoules					
Gas-diesel oil	*725	*1147	*1243	*1368	*1651	*1634
Total input	*725	*1147	*1243	*1368	*1651	*1634
Total production	210	*327	*354	*390	*468	*475
Estimated efficiency (% of production to input)	29	29	28	29	28	29

Statistics on electricity

Congo

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2953	2965	3096	3655	3833	4021
Combustible fuels	1825	1761	2001	2807	2931	3031
Hydro	1127	1203	1094	847	900	989
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Main activity	1128	1204	1095	848	901	990
Combustible fuels	..	..	..	..	..	..
Hydro	1127	1203	1094	847	900	989
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Own use in electricity, CHP and heat plants	332	331	346	408	428	449
Net production	2621	2633	2750	3247	3405	3571
Imports	21	22	28	23	18	22
Exports	22	22	26	44	16	26
Losses	1362	1324	1384	1623	1713	1794
Consumption	1439	1555	1529	1554	1518	1547
Energy industries own use	..	..	..	..	..	..
By industry and construction	84	103	98	99	93	95
By transport	..	..	..	..	..	..
By households and other cons.	1355	1451	1430	1455	1425	1453
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*654	*660	*660	*660	*830	*830
Combustible fuels	*445	*445	*445	*445	*615	*615
Hydro	*209	214	214	214	214	214
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	1	1
Main activity	*250	256	256	256	256	256
Combustible fuels	*41	*41	*41	*41	*41	*41
Hydro	*209	214	214	214	214	214
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	2107	1258	1429	2005	2094	2181
Fuel oil	485	375	426	598	624	650
Natural gas	22868	24045	27316	38328	40024	41358
Total input	25460	25678	29171	40931	42742	44190
Total production	6570	6340	7202	10106	10553	10911
Estimated efficiency (% of production to input)	26	25	25	25	25	25

Statistics on electricity

Cook Islands

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	34	37	42	39	34	34
Combustible fuels	30	31	32	29	26	27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	6	10	10	8	7
Main activity	34	37	42	39	34	34
Combustible fuels	30	31	32	29	26	27
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	6	10	10	8	7
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	34	37	42	39	34	34
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*2	*2	*2	*2	*2	*2
Consumption	*32	*35	*40	*37	*32	*32
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*32	*35	*40	*37	*32	*32
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*14	*14	*16	*16	*16	*16
Combustible fuels	*11	*11	*11	*11	*11	*11
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	5	5	5	5
Main activity	*14	*14	*16	*16	*16	*16
Combustible fuels	*11	*11	*11	*11	*11	*11
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	5	5	5	5
Combustible fuel input	Terajoules					
Gas-diesel oil	*310	*323	*333	*307	*271	*278
Total input	*310	*323	*333	*307	*271	*278
Total production	107	111	115	106	93	96
Estimated efficiency (% of production to input)	34	34	34	34	34	34

Statistics on electricity

Costa Rica

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	10932	11359	11528	11508	11730	12737
Combustible fuels	389	237	358	295	217	194
Hydro	8026	8677	8343	7827	8294	9286
Nuclear	..	..	..	..	..	..
Other	2517	2445	2827	3386	3219	3257
Main activity	10707	11123	11279	11241	11476	12473
Combustible fuels	193	37	159	96	24	3
Hydro	8026	8677	8343	7827	8294	9286
Nuclear	..	..	..	..	..	..
Other	2488	2408	2777	3319	3158	3184
Own use in electricity, CHP and heat plants	115	120	121	242	275	233
Net production	10817	11240	11407	11266	11455	12504
Imports	807	551	572	340	118	6
Exports	657	741	813	323	624	1009
Losses	1279	1295	1313	1059	1043	1052
Consumption	9688	9804	9892	10190	9905	10363
Energy industries own use	..	..	..	..	..	..
By industry and construction	1898	1967	1876	2018	1970	2114
By transport	..	..	..	..	..	..
By households and other cons.	7790	7836	8016	8172	7935	8249
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3490	3564	3646	3624	3607	3677
Combustible fuels	615	616	628	549	554	554
Hydro	2328	2328	2359	2343	2331	2396
Nuclear	..	..	..	..	..	..
Other	547	621	659	732	721	727
Main activity	3427	3490	3551	3495	3466	3531
Combustible fuels	572	572	572	474	474	474
Hydro	2328	2328	2359	2343	2331	2396
Nuclear	..	..	..	..	..	..
Other	527	590	620	678	661	661
Combustible fuel input	Terajoules					
Biogas	4	4	7	10	9	9
Gas-diesel oil	161	29	131	55	13	12
Fuel oil	1558	334	1285	792	258	54
Bagasse	1188	1198	1158	1196	1910	1923
Vegetal waste	209	217	232	118	383	305
Total input	3120	1782	2814	2171	2573	2303
Total production	1401	853	1290	1064	779	698
Estimated efficiency (% of production to input)	45	48	46	49	30	30

Statistics on electricity
Côte d'Ivoire

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	10253	10121	10058	10697	11274	11579
Combustible fuels	8724	8074	7096	7197	7887	8935
Hydro	1529	2047	2962	3481	3376	2626
Nuclear	..	..	..	..	..	..
Other	..	..	..	18	11	18
Main activity	10080	9948	9997	10631	11202	11442
Combustible fuels	8551	7901	7035	7132	7815	8798
Hydro	1529	2047	2962	3481	3376	2626
Nuclear	..	..	..	..	..	..
Other	..	..	..	18	11	18
Own use in electricity, CHP and heat plants	513	146	159	173	180	308
Net production	9740	9975	9899	10524	11094	11271
Imports	19	37	102	77	152	199
Exports	1877	1247	1156	1255	1333	889
Losses	1627	1956	2081	1639	1804	1727
Consumption	6615	6318	6927	7297	8144	9018
Energy industries own use	..	..	1	1	1	1
By industry and construction	2177	2177	1989	2124	2448	2564
By transport	..	..	..	..	..	..
By households and other cons.	4438	4141	4937	5173	5695	6452
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1891	2169	2169	2210	2227	2282
Combustible fuels	1282	1282	1282	1323	1335	1390
Hydro	604	879	879	879	879	879
Nuclear	..	..	..	..	..	..
Other	5	8	8	8	13	13
Main activity	1868	2146	2146	2187	2204	2259
Combustible fuels	1259	1259	1259	1300	1312	1367
Hydro	604	879	879	879	879	879
Nuclear	..	..	..	..	..	..
Other	5	8	8	8	13	13
Combustible fuel input	Terajoules					
Gas-diesel oil	99	86	86	94	86	43
Fuel oil	893	889	40	10	121	3919
Natural gas	81287	73437	64874	69186	70954	81008
Vegetal waste	1926	1941	4815	3475	4145	6088
Total input	84204	76354	69815	72765	75306	91057
Total production	31405	29066	25546	25911	28394	32166
Estimated efficiency (% of production to input)	37	38	37	36	38	35

Statistics on electricity

Croatia

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	12820	11984	13632	12760	13385	15210
Combustible fuels	4682	5193	4435	5185	5665	5681
Hydro	7058	5508	7785	5933	5810	7229
Nuclear	..	..	..	..	..	..
Other	1080	1283	1412	1642	1910	2300
Main activity	12482	11564	13259	12385	12980	14865
Combustible fuels	4351	4779	4068	4816	5266	5341
Hydro	7051	5502	7779	5927	5805	7223
Nuclear	..	..	..	..	..	..
Other	1080	1283	1412	1642	1910	2300
Own use in electricity, CHP and heat plants	536	461	450	510	510	482
Net production	12284	11523	13182	12250	12875	14728
Imports	12398	12158	12693	11401	10491	11505
Exports	6867	5204	7306	5268	5852	7544
Losses	1806	1765	1824	1659	1725	1691
Consumption	16009	16711	16745	16724	15789	16999
Energy industries own use	709	733	570	569	574	503
By industry and construction	3426	3607	3683	3613	3575	3786
By transport	251	267	282	273	262	285
By households and other cons.	11623	12104	12210	12270	11378	12425
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	4848	4970	5006	4712	4662	4873
Combustible fuels	2117	2141	2142	1771	1543	1537
Hydro	2192	2193	2200	2200	2200	2201
Nuclear	..	..	..	..	..	..
Other	539	636	664	741	920	1135
Main activity	4689	4811	4841	4547	4498	4733
Combustible fuels	1961	1984	1980	1609	1381	1400
Hydro	2189	2190	2197	2197	2197	2198
Nuclear	..	..	..	..	..	..
Other	539	636	664	741	920	1135
Combustible fuel input	Terajoules					
Hard Coal	24409	13219	12359	14263	10909	13072
Brown Coal	152	144	108	99	48	..
Biogas	1849	2612	3028	3380	3425	4094
Gas-diesel oil	43	73	39	43	47	17
Fuel oil	404	1693	319	226	113	109
Refinery gas	149	228	233	59	144	124
Natural gas	20405	31889	24895	27273	33607	31477
Fuelwood	*3730	*4245	*7004	*8984	*9524	*11188
Total input	51141	54103	47984	54329	57818	60080
Total production	16855	18695	15964	18667	20394	20453
Estimated efficiency (% of production to input)	33	35	33	34	35	34

Statistics on electricity

Cuba

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	20459	20558	20837	20706	19071	17966
Combustible fuels	20334	20394	20524	20331	18698	17581
Hydro	64	83	146	125	112	120
Nuclear	..	..	..	..	..	..
Other	*60	*81	*168	*251	*261	*265
Main activity	19509	19595	20074	19861	18157	17105
Combustible fuels	19385	19431	19761	19486	17784	16720
Hydro	64	83	146	125	112	120
Nuclear	..	..	..	..	..	..
Other	*60	*81	*168	*251	*261	*265
Own use in electricity, CHP and heat plants	1058	1891	1958	1944	1999	1860
Net production	19400	18667	18879	18762	17072	16106
Imports	..	..	..	449	1402	1385
Exports	..	..	..	..	..	..
Losses	3117	3177	3290	3429	3427	3623
Consumption	16283	15490	15589	15691	14972	13739
Energy industries own use	..	..	..	..	..	..
By industry and construction	3772	3067	3060	2930	2514	1993
By transport	287	293	290	288	257	266
By households and other cons.	12224	12130	12239	12473	12202	11480
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	6454	6476	6661	6508	6660	6767
Combustible fuels	6341	6325	6458	6285	6374	6461
Hydro	66	66	64	64	65	65
Nuclear	..	..	..	..	..	..
Other	*47	*85	*139	*159	*222	*242
Main activity	5960	5945	6108	6049	6095	6198
Combustible fuels	5847	5794	5905	5826	5809	5892
Hydro	66	66	64	64	65	65
Nuclear	..	..	..	..	..	..
Other	*47	*85	*139	*159	*222	*242
Combustible fuel input	Terajoules					
Biogas	..	..	..	45	*286	*1944
Gas-diesel oil	*13721	22545	27825	19322	16383	25675
Fuel oil	171203	143973	148147	129322	150753	158283
Natural gas	*15913	*15456	*16840	*24946	*20628	*15547
Bagasse	*13128	*12996	*10298	*11363	*13547	*10378
Total input	213965	194971	203110	184999	201597	211827
Total production	73203	73418	73885	73191	67314	63291
Estimated efficiency (% of production to input)	34	38	36	40	33	30

Statistics on electricity

Curaçao

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	876	*887	866	*880	*844	846
Combustible fuels	735	*698	612	*637	*626	622
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	141	189	254	243	219	224
Main activity	716	*813	752	*837	*820	832
Combustible fuels	575	*624	498	*595	*601	608
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	141	189	254	243	219	224
Own use in electricity, CHP and heat plants	10	14	17	18	22	17
Net production	866	*874	849	*862	*822	829
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	97	98	95	96	92	93
Consumption	769	776	754	765	730	736
Energy industries own use	54	40	37	..	..	..
By industry and construction	209	203	183	237	207	234
By transport	..	..	..	..	..	..
By households and other cons.	506	533	533	528	524	502
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*303	*230	*231	*231	232	*232
Combustible fuels	*262	*172	*172	*172	172	*172
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	41	58	58	58	60	*60
Main activity	*157	*175	*176	*176	178	*178
Combustible fuels	*116	*118	*118	*118	118	*118
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	41	58	58	58	60	*60
Combustible fuel input	Terajoules					
Gas-diesel oil	2322	2004	2810	5135	4751	5639
Fuel oil	6262	5363	3649	2091	1180	1428
Total input	8584	7367	6459	7227	5931	7067
Total production	2646	*2514	2204	*2294	*2252	2239
Estimated efficiency (% of production to input)	31	34	34	32	38	32

Statistics on electricity

Cyprus

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4887	5004	5061	5141	4849	5119
Combustible fuels	4515	4621	4640	4685	4313	4405
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	372	383	421	457	536	715
Main activity	4789	4896	4938	5003	4699	4894
Combustible fuels	4469	4574	4589	4633	4261	4352
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	320	322	349	370	438	542
Own use in electricity, CHP and heat plants	219	226	233	228	199	239
Net production	4668	4778	4827	4914	4650	4881
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	263	228	158	184	240	224
Consumption	4404	4547	4670	4730	4384	4656
Energy industries own use	5	5	6	7	7	7
By industry and construction	486	518	530	532	532	555
By transport	..	..	..	..	..	..
By households and other cons.	3913	4024	4135	4192	3845	4095
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1756	1782	1794	1819	1897	1983
Combustible fuels	1515	1515	1517	1510	1510	1511
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	242	268	276	309	387	472
Main activity	1689	1710	1716	1726	1775	1826
Combustible fuels	1478	1478	1481	1481	1481	1480
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	212	233	236	246	295	346
Combustible fuel input	Terajoules					
Biogas	312	323	347	345	337	336
Gas-diesel oil	6536	11044	10668	11200	14798	12533
Fuel oil	35673	31461	32492	31148	24342	27457
Total input	42521	42828	43507	42693	39477	40326
Total production	16254	16635	16704	16865	15527	15857
Estimated efficiency (% of production to input)	38	39	38	40	39	39

Statistics on electricity

Czechia

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	83309	87056	88038	87056	81568	85082
Combustible fuels	53279	52783	52338	50474	44933	47677
Hydro	3202	3040	2679	3175	3437	3620
Nuclear	24104	28340	29921	30246	30043	30731
Other	2724	2894	3099	3161	3155	3054
Main activity	73864	77945	79253	78318	72502	75905
Combustible fuels	44503	44360	44147	42409	36600	39302
Hydro	2604	2429	2185	2600	2793	2927
Nuclear	24104	28340	29921	30246	30043	30731
Other	2653	2816	3000	3063	3066	2944
Own use in electricity, CHP and heat plants	6911	7165	7152	6914	6450	6539
Net production	76398	79892	80886	80141	75118	78543
Imports	13817	15072	11573	11026	13368	15153
Exports	24791	28109	25481	24123	23521	26228
Losses	4080	4375	4269	4300	4117	3651
Consumption	59200	60663	61207	61542	60242	62865
Energy industries own use	3348	3256	3104	3126	3142	2882
By industry and construction	23006	23902	24302	24277	23122	24570
By transport	1636	1698	1753	1767	1644	1718
By households and other cons.	31210	31807	32047	32372	32334	33695
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	21989	22273	22302	22036	21451	21035
Combustible fuels	13087	13334	13350	13031	12384	11874
Hydro	2262	2265	2264	2265	2265	2285
Nuclear	4290	4290	4290	4290	4290	4290
Other	2350	2384	2398	2450	2511	2586
Main activity	20096	20337	20373	20111	19630	19246
Combustible fuels	11385	11582	11605	11290	10748	10269
Hydro	2071	2081	2081	2081	2081	2101
Nuclear	4290	4290	4290	4290	4290	4290
Other	2350	2384	2398	2450	2511	2586
Combustible fuel input	Terajoules					
Hard Coal	96998	81242	63568	44608	40481	52529
Brown Coal	416741	417690	424949	392506	324139	347400
Biogas	18272	18808	18899	18072	18443	18306
Refinery gas	594	891	990	1139	743	941
Natural gas	38346	36325	36523	50251	59542	65724
Coke-oven gas	4717	6613	6199	5634	5477	6278
Blast furnace gas	8150	6694	7565	6343	6417	7468
Fuelwood	*25123	*27123	*25858	*28868	*30812	*33379
Municipal waste	4440	4868	4524	4798	5203	5207
Other recovered gases	1139	1127	1258	1209	733	753
Others	18027	16427	14633	13616	10325	1251
Total input	632547	617808	604965	567044	502314	539237
Total production	191804	190019	188417	181706	161757	171637
Estimated efficiency (% of production to input)	30	31	31	32	32	32

Statistics on electricity
Dem. Rep. of the Congo

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	8889	9450	10556	11491	12460	13135
Combustible fuels	10	6	39	8	7	3
Hydro	8879	9444	10516	11483	12453	13131
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	1
Main activity	8889	9450	10523	11491	12460	13135
Combustible fuels	10	6	7	8	7	3
Hydro	8879	9444	10516	11483	12453	13131
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	1
Own use in electricity, CHP and heat plants	12	18	10	23	26	26
Net production	8877	9433	10545	11468	12434	13109
Imports	778	806	829	1005	1189	1189
Exports	50	45	75	69	50	50
Losses	595	458	*656	1008	1098	2018
Consumption	8603	*9313	10732	11589	*12194	*12194
Energy industries own use	*15	17	21	25	27	*28
By industry and construction	*3631	*4039	*4755	*5380	*6306	*6306
By transport	..	..	..	..	..	..
By households and other cons.	4958	*5258	5956	6184	*5861	*5861
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2456	2457	2634	2610	2820	*2973
Combustible fuels	28	29	56	32	32	*32
Hydro	2427	2427	2577	2577	2787	*2939
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	1	1
Main activity	2456	2457	2609	2610	2820	*2973
Combustible fuels	28	29	32	32	32	*32
Hydro	2427	2427	2577	2577	2787	*2939
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*1	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	86	56	59	76	63	24
Bagasse	..	..	*586	..	..	..
Total input	86	56	*645	76	63	24
Total production	35	23	141	31	25	10
Estimated efficiency (% of production to input)	40	40	22	40	40	41

Statistics on electricity

Denmark

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	30541	31023	30370	29517	28729	33049
Combustible fuels	16996	15473	15500	12387	11201	15669
Hydro	19	18	15	17	17	16
Nuclear	..	..	..	..	..	..
Other	13526	15531	14855	17113	17511	17363
Main activity	27762	28192	27273	26315	25310	29485
Combustible fuels	14961	13394	13356	10148	8963	13414
Hydro	19	18	15	17	17	16
Nuclear	..	..	..	..	..	..
Other	12782	14780	13902	16150	16330	16054
Own use in electricity, CHP and heat plants	1460	1384	1054	833	853	1136
Net production	29081	29638	29315	28684	27876	31912
Imports	14976	15218	15634	15982	18594	20120
Exports	9919	10655	10409	10171	11711	15251
Losses	1873	1659	2089	1865	2276	1857
Consumption	32045	32297	32105	32174	31564	33602
Energy industries own use	950	1223	1187	1425	1174	1511
By industry and construction	8422	8573	8640	8316	8523	9021
By transport	447	439	440	462	525	688
By households and other cons.	22226	22062	21838	21972	21343	22382
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	14226	14318	14983	14970	15362	16501
Combustible fuels	8120	7916	7863	7772	7783	7769
Hydro	9	7	7	7	7	7
Nuclear	..	..	..	..	..	..
Other	6097	6395	7113	7191	7571	8725
Main activity	12756	12782	13345	13320	13485	14231
Combustible fuels	7501	7286	7223	7202	7211	7203
Hydro	9	7	7	7	7	7
Nuclear	..	..	..	..	..	..
Other	5246	5489	6115	6111	6267	7021
Combustible fuel input	Terajoules					
Hard Coal	83290	60485	68306	33508	28634	40691
Biogas	4554	5044	5371	5450	5787	5433
Gas-diesel oil	301	463	357	614	451	395
Fuel oil	1495	1248	1063	844	917	843
Refinery gas	1535	1357	1491	1461	1560	1586
Natural gas	24090	21735	21473	21330	12271	15312
Fuelwood	*45940	*60359	*59101	*60812	*63606	*87373
Vegetal waste	0	0	0	0	0	0
Municipal waste	34457	34723	33573	35095	35390	34371
Other liquid biofuels	27	9	10	0	0	0
Others	47	20	1	..	..	..
Total input	195736	185443	190746	159115	148615	186004
Total production	61186	55704	55800	44593	40323	56409
Estimated efficiency (% of production to input)	31	30	29	28	27	30

Statistics on electricity

Djibouti

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	88	*59	55	92	126	*126
Combustible fuels	88	*59	55	91	125	*125
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	*1	*1
Main activity	88	*59	55	92	126	*126
Combustible fuels	88	*59	55	91	125	*125
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	*1	*1
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	88	*59	55	92	126	*126
Imports	450	508	526	*514	502	529
Exports	..	..	..	..	..	..
Losses	*107	*106	*112	*104	*111	*113
Consumption	*423	*461	*469	*502	*517	*541
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*423	*461	*469	*502	*517	*541
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	130	130	130	130	130	130
Combustible fuels	130	130	130	130	130	130
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	130	130	130	130	130	130
Combustible fuels	130	130	130	130	130	130
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*903	*602	*563	*937	*1256	*1260
Total input	*903	*602	*563	*937	*1256	*1260
Total production	316	*211	197	329	451	*450
Estimated efficiency (% of production to input)	35	35	35	35	36	36

Statistics on electricity

Dominica

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	157	131	*110	138	142	146
Combustible fuels	120	103	*85	117	122	125
Hydro	36	27	24	20	19	20
Nuclear	..	..	..	..	..	..
Other	1	1	1	*1	*1	2
Main activity	113	87	66	94	98	102
Combustible fuels	75	58	41	73	78	81
Hydro	36	27	24	20	19	20
Nuclear	..	..	..	..	..	..
Other	1	1	1	*1	*1	2
Own use in electricity, CHP and heat plants	5	5	4	*5	*5	*4
Net production	152	126	*106	133	137	142
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	9	5	6	*8	*8	*8
Consumption	*144	*122	*101	*126	*129	*134
Energy industries own use	..	..	..	..	..	..
By industry and construction	*22	*21	*22	*27	*28	*28
By transport	..	..	..	..	..	..
By households and other cons.	*122	*101	*79	*99	*101	*106
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	42	42	42	42	42	42
Combustible fuels	35	35	35	35	35	35
Hydro	7	7	7	7	7	7
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Main activity	28	28	27	27	27	27
Combustible fuels	20	20	20	20	20	20
Hydro	7	7	7	7	7	7
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	718	559	404	712	758	788
Fuel oil	*543	*489	*500	*502	*485	*485
Total input	1261	1048	*903	1214	1243	1273
Total production	430	369	*307	422	439	450
Estimated efficiency (% of production to input)	34	35	34	35	35	35

Statistics on electricity

Dominican Republic

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	18690	19036	19651	19857	19293	21314
Combustible fuels	16773	16309	17144	18121	16544	17865
Hydro	1519	2196	1780	928	1176	1859
Nuclear	..	..	..	..	..	..
Other	398	530	728	807	1573	1589
Main activity	16728	17117	17640	16345	17630	19752
Combustible fuels	14869	14489	15288	14774	15160	16452
Hydro	1513	2190	1773	928	1176	1859
Nuclear	..	..	..	..	..	..
Other	347	438	580	643	1294	1441
Own use in electricity, CHP and heat plants	687	665	693	700	3251	634
Net production	18003	18371	18958	19157	16043	20679
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2412	2473	2549	2576	2157	2334
Consumption	15591	15887	16409	18196	15559	18764
Energy industries own use	..	..	..	..	..	..
By industry and construction	5294	5612	5789	6420	5489	6622
By transport	54	51	57	63	54	61
By households and other cons.	10244	10224	10563	11713	10016	12081
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	5204	5133	5276	6010	*5716	*5795
Combustible fuels	4382	4276	4271	4995	*4451	*4380
Hydro	619	619	619	623	623	623
Nuclear	..	..	..	..	..	..
Other	203	238	387	392	641	791
Main activity	3810	3839	3971	4639	*4859	*4973
Combustible fuels	3028	3057	3082	3740	*3711	*3675
Hydro	617	617	617	623	623	623
Nuclear	..	..	..	..	..	..
Other	165	165	271	276	525	675
Combustible fuel input	Terajoules					
Hard Coal	25026	26458	25143	27675	65635	63417
Biogas	*157	*157	*157	*157	*157	*160
Motor gasoline	660	647	638	600	236	603
Gas-diesel oil	19774	13077	15240	14041	3304	2217
Fuel oil	67117	55756	69764	73595	31574	32449
Natural gas	34241	40211	39774	45163	47246	68623
Bagasse	755	1958	2640	3288	2671	3823
Vegetal waste	134	142	151	*150	*150	*150
Total input	147863	138406	153507	164669	150974	171443
Total production	60384	58714	61717	65236	59560	64315
Estimated efficiency (% of production to input)	41	42	40	40	39	38

Statistics on electricity

Ecuador

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	27314	28033	29244	32284	31248	32214
Combustible fuels	11357	7833	8447	7520	6800	6541
Hydro	15834	20089	20678	24641	24333	25575
Nuclear	..	..	..	..	..	..
Other	123	111	118	123	115	99
Main activity	22658	23006	23750	26369	25612	25971
Combustible fuels	7422	3878	4318	3266	2751	2089
Hydro	15114	19017	19313	22980	22747	23783
Nuclear	..	..	..	..	..	..
Other	123	111	118	123	115	99
Own use in electricity, CHP and heat plants	456	383	414	380	317	271
Net production	26858	27650	28829	31904	30931	31944
Imports	82	19	106	6	251	364
Exports	402	212	256	1827	1341	524
Losses	3499	3516	3783	4278	4421	4645
Consumption	23038	23972	24908	25816	25418	26976
Energy industries own use	..	..	..	..	..	..
By industry and construction	8919	9469	9998	10390	10143	11388
By transport	10	10	11	11	11	11
By households and other cons.	14109	14494	14898	15415	15264	15577
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	7607	7445	8048	8073	8095	8101
Combustible fuels	3142	2912	2964	2978	2983	2981
Hydro	4418	4486	5036	5047	5064	5072
Nuclear	..	..	..	..	..	..
Other	47	47	48	48	48	48
Main activity	6517	6236	6731	6727	6764	6724
Combustible fuels	2179	1879	1874	1860	1889	1841
Hydro	4291	4310	4809	4819	4826	4835
Nuclear	..	..	..	..	..	..
Other	47	47	48	48	48	48
Combustible fuel input	Terajoules					
Biogas	282	567	925	867	929	885
Crude oil	13559	14061	15659	16505	16632	16076
Gas-diesel oil	25322	14792	15622	17393	16480	17155
Fuel oil	37306	21146	27762	20004	15573	13943
Liquefied petroleum gas	802	686	763	609	643	600
Other oil products	6881	3949	3970	2168	1331	1652
Natural gas	25725	23122	19864	17752	15330	15272
Bagasse	3069	3075	2730	2952	3045	2661
Total input	112947	81398	87296	78250	69963	68244
Total production	40886	28200	30410	27073	24480	23547
Estimated efficiency (% of production to input)	36	35	35	35	35	35

Statistics on electricity

Egypt

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	191920	195150	202838	194279	197201	222544
Combustible fuels	176234	179520	187341	175998	173500	196649
Hydro	13460	12850	12726	13121	15038	14769
Nuclear	..	..	..	..	..	..
Other	2226	2780	2771	5160	8663	11126
Main activity	186320	189550	196760	182725	185793	211356
Combustible fuels	170634	173920	181263	164444	162092	185461
Hydro	13460	12850	12726	13121	15038	14769
Nuclear	..	..	..	..	..	..
Other	2226	2780	2771	5160	8663	11126
Own use in electricity, CHP and heat plants	4068	7903	6156	6386	5919	19817
Net production	187852	187247	196682	187893	191282	202727
Imports	54	65	81	74	95	176
Exports	747	333	425	360	885	1643
Losses	23037	34012	*30502	31623	33117	36083
Consumption	162275	151606	165610	156340	157435	158046
Energy industries own use	..	..	..	..	..	..
By industry and construction	40316	41479	43623	46884	42616	43505
By transport	582	534	321	530	549	788
By households and other cons.	121377	109593	121666	108925	114270	113753
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	40905	47056	56574	58353	59530	58819
Combustible fuels	37218	43369	52585	53394	53802	52971
Hydro	2800	2800	2832	2832	2832	2832
Nuclear	..	..	..	..	..	..
Other	887	887	1157	2127	2896	3016
Main activity	38857	45008	54526	56305	57482	56771
Combustible fuels	35170	41321	50537	51346	51754	50923
Hydro	2800	2800	2832	2832	2832	2832
Nuclear	..	..	..	..	..	..
Other	887	887	1157	2127	2896	3016
Combustible fuel input	Terajoules					
Gas-diesel oil	23779	24024	8729	2330	2270	2233
Fuel oil	294152	243208	228826	276934	75063	169231
Natural gas	1182860	1312666	1303341	1504109	1335003	1407195
Bagasse	*5668	*5668	*5730	*5753	*5830	*5869
Total input	1506459	1585567	1546625	1789127	1418166	1584527
Total production	634442	646272	674428	633594	624600	707935
Estimated efficiency (% of production to input)	42	41	44	35	44	45

Statistics on electricity

El Salvador

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6089	5494	5359	6070	6350	6475
Combustible fuels	3145	2083	1937	2582	1790	1888
Hydro	1344	1704	1631	1526	2084	1821
Nuclear	..	..	..	..	..	..
Other	1600	1707	1792	1963	2475	2765
Main activity	5942	5326	5132	5688	5822	5857
Combustible fuels	3106	2043	1910	2553	1763	1867
Hydro	1261	1619	1548	1445	1990	1735
Nuclear	..	..	..	..	..	..
Other	1576	1664	1675	1690	2069	2255
Own use in electricity, CHP and heat plants	243	447	360	398	373	389
Net production	5846	5046	4999	5672	5977	6086
Imports	1066	1675	1824	1450	774	1317
Exports	77	90	65	158	131	34
Losses	695	651	719	796	748	1026
Consumption	6073	6153	6221	6343	5990	6488
Energy industries own use	..	..	..	..	..	..
By industry and construction	2020	2057	2147	2234	1900	1937
By transport	..	..	..	..	..	0
By households and other cons.	4053	4096	4074	4109	4089	4551
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*1736	1932	2003	2241	2346	2427
Combustible fuels	*1025	1043	1057	1057	1058	1058
Hydro	495	574	575	574	574	572
Nuclear	..	..	..	..	..	..
Other	216	314	371	611	715	797
Main activity	*1434	1580	1574	1708	1769	1797
Combustible fuels	*757	764	757	757	757	757
Hydro	473	552	553	553	553	553
Nuclear	..	..	..	..	..	..
Other	204	264	264	398	459	487
Combustible fuel input	Terajoules					
Biogas	531	510	495	570	591	794
Gas-diesel oil	..	..	43	10	27	21
Fuel oil	20685	11554	9683	13210	8391	7080
Natural gas	..	..	..	..	..	88
Bagasse	11424	14073	14379	14927	15321	15050
Animal waste	..	..	12	13	5	24
Municipal waste	..	..	489	557	419	358
Total input	32640	26137	25100	29287	24753	23415
Total production	11321	7499	6972	9295	6444	6797
Estimated efficiency (% of production to input)	35	29	28	32	26	29

Statistics on electricity

Equatorial Guinea

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1398	1334	1355	*1912	*2038	*1770
Combustible fuels	927	896	912	*1292	*1418	*1150
Hydro	471	438	443	*620	*620	*620
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1398	1334	1355	*1912	*2038	*1770
Combustible fuels	927	896	912	*1292	*1418	*1150
Hydro	471	438	443	*620	*620	*620
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	44	44	44	*20	*20	*20
Net production	1354	1290	1311	*1892	*2018	*1750
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	158	151	138	*140	*151	*151
Consumption	1183	1200	1205	*1752	*1867	*1599
Energy industries own use	*35	*35	*35	*35	*35	*35
By industry and construction	462	462	402	*681	*727	*620
By transport	..	..	..	..	..	..
By households and other cons.	686	703	768	*1036	*1105	*944
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	349	553	*554	*554	*554	*554
Combustible fuels	222	222	*222	*222	*222	*222
Hydro	127	326	*327	*327	*327	*327
Nuclear	..	..	..	..	..	..
Other	..	5	*5	*5	*5	*5
Main activity	349	553	*554	*554	*554	*554
Combustible fuels	222	222	*222	*222	*222	*222
Hydro	127	326	*327	*327	*327	*327
Nuclear	..	..	..	..	..	..
Other	..	5	*5	*5	*5	*5
Combustible fuel input	Terajoules					
Gas-diesel oil	*86	*86	*86	*86	*86	*86
Natural gas	*11020	*10640	*10831	*15355	*16863	*13650
Total input	*11106	*10726	*10917	*15441	*16949	*13736
Total production	3337	3226	3283	*4652	*5104	*4140
Estimated efficiency (% of production to input)	30	30	30	30	30	30

Statistics on electricity

Eritrea

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	276	334	352	363	375	385
Combustible fuels	269	326	340	350	361	371
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	7	8	12	13	15	14
Main activity	263	318	333	344	357	366
Combustible fuels	256	310	321	331	342	352
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	7	8	12	13	15	14
Own use in electricity, CHP and heat plants	13	16	17	17	18	18
Net production	263	318	335	346	358	367
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	35	42	45	46	48	49
Consumption	227	274	289	299	309	317
Energy industries own use	..	..	..	..	..	..
By industry and construction	40	48	51	53	54	56
By transport	..	..	..	..	..	..
By households and other cons.	187	226	238	246	254	261
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*168	*216	*224	*226	*230	242
Combustible fuels	*159	*205	*205	*205	*207	217
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	9	11	19	21	23	25
Main activity	*158	*206	*214	*216	*218	230
Combustible fuels	*149	*195	*195	*195	*195	205
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	9	11	19	21	23	25
Combustible fuel input	Terajoules					
Gas-diesel oil	1333	1295	1441	1492	1485	1528
Fuel oil	1778	1787	2280	2373	2571	2832
Total input	3111	3082	3721	3865	4056	4360
Total production	968	1173	1223	1259	1298	1336
Estimated efficiency (% of production to input)	31	38	33	33	32	31

Statistics on electricity

Estonia

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	12170	13160	12364	7616	6078	7204
Combustible fuels	11531	12397	11682	6836	4959	6095
Hydro	35	26	15	19	30	23
Nuclear	..	..	..	..	..	..
Other	604	737	667	761	1089	1087
Main activity	11911	12997	12241	7521	5896	7029
Combustible fuels	11285	12233	11560	6745	4782	5923
Hydro	35	26	15	18	26	21
Nuclear	..	..	..	..	..	..
Other	591	737	666	759	1087	1085
Own use in electricity, CHP and heat plants	1736	1912	1431	1015	762	744
Net production	10434	11248	10933	6600	5317	6461
Imports	3577	2281	3053	4861	7367	7332
Exports	5614	5015	4950	2704	3723	4703
Losses	723	779	744	500	375	441
Consumption	7824	7735	7985	7787	7540	8135
Energy industries own use	525	503	494	470	360	251
By industry and construction	2152	2281	2360	2132	2129	2210
By transport	48	46	43	56	68	30
By households and other cons.	5099	4905	5088	5129	4983	5644
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2577	2542	2819	2746	2738	2409
Combustible fuels	2251	2208	2470	2303	2205	1693
Hydro	6	7	7	6	8	6
Nuclear	..	..	..	..	..	..
Other	320	327	342	437	525	710
Main activity	2546	2515	2793	2722	2714	2330
Combustible fuels	2226	2183	2445	2280	2182	1670
Hydro	6	7	7	6	8	6
Nuclear	..	..	..	..	..	..
Other	314	325	341	436	524	654
Combustible fuel input	Terajoules					
Peat	1090	1258	553	283	71	8
Biogas	233	214	242	228	311	135
Oil shale	115773	111147	100869	47165	25127	38218
Fuel oil	1656	1256	885	319	246	387
Natural gas	575	527	615	380	264	401
Gasworks gas	1342	2097	3071	3086	2582	2617
Coke-oven gas	8932	10646	9735	9811	10340	8860
Fuelwood	*10114	*11904	*18039	*20760	*22704	*24360
Municipal waste	2354	1666	2086	2074	2545	2437
Industrial waste	0	338	259	..	..	..
Others	..	88	..	..	..	..
Total input	142069	141142	136354	84106	64188	77424
Total production	41512	44629	42057	24610	17854	21941
Estimated efficiency (% of production to input)	29	32	31	29	28	28

Statistics on electricity

Eswatini

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	409	415	520	585	541	581
Combustible fuels	284	297	311	313	310	313
Hydro	124	118	209	270	229	258
Nuclear	..	..	..	..	..	..
Other	..	0	0	2	*2	10
Main activity	123	117	208	269	227	264
Combustible fuels	..	..	..	..	..	..
Hydro	123	117	208	269	227	256
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	8
Own use in electricity, CHP and heat plants	7	9	10	11	11	11
Net production	402	406	510	574	530	570
Imports	1077	1048	1020	942	1044	914
Exports	..	..	..	..	..	..
Losses	172	169	195	182	193	145
Consumption	1262	1387	1323	1343	1381	1339
Energy industries own use	..	..	..	..	..	..
By industry and construction	364	541	433	400	356	321
By transport	..	..	..	..	..	..
By households and other cons.	899	846	890	944	1025	1018
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*185	*177	181	173	*171	*182
Combustible fuels	*115	*115	119	109	*107	*108
Hydro	70	62	62	62	62	62
Nuclear	..	..	..	..	..	..
Other	..	0	0	*2	*2	12
Main activity	79	71	71	61	61	71
Combustible fuels	10	10	*10	..	..	..
Hydro	69	61	61	61	61	61
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	10
Combustible fuel input	Terajoules					
Hard Coal	619	422	454	867	*851	*854
Bagasse	*2471	2400	2439	2643	*2593	*2645
Total input	*3090	2822	2893	3509	*3444	*3499
Total production	1024	1069	1120	1126	1115	1126
Estimated efficiency (% of production to input)	33	38	39	32	32	32

Statistics on electricity

Ethiopia

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	12588	13264	14554	15068	15829	15538
Combustible fuels	32	27	31	35	35	29
Hydro	11753	12681	13655	14404	14943	14914
Nuclear	..	..	..	..	..	..
Other	803	555	868	629	850	594
Main activity	12560	13241	14528	15038	15799	15515
Combustible fuels	4	4	5	5	5	6
Hydro	11753	12681	13655	14404	14943	14914
Nuclear	..	..	..	..	..	..
Other	803	555	868	629	850	594
Own use in electricity, CHP and heat plants	78	44	67	81	88	80
Net production	12510	13220	14487	14987	15741	15458
Imports	..	..	..	..	..	..
Exports	1303	1432	1000	1145	1637	1665
Losses	2597	2945	3171	3208	3050	2995
Consumption	8586	8870	10558	10933	11016	11199
Energy industries own use	..	..	..	..	..	..
By industry and construction	2141	2360	2837	2938	2558	2718
By transport	..	..	..	..	..	..
By households and other cons.	6445	6510	7721	7995	8458	8480
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	4280	4284	4286	4293	4556	4569
Combustible fuels	127	127	130	134	*134	*145
Hydro	3808	3814	3814	3817	4071	4071
Nuclear	..	..	..	..	..	..
Other	345	343	342	342	351	352
Main activity	4252	4261	4260	4263	4526	4539
Combustible fuels	99	104	104	104	*104	*115
Hydro	3808	3814	3814	3817	4071	4071
Nuclear	..	..	..	..	..	..
Other	345	343	342	342	351	352
Combustible fuel input	Terajoules					
Gas-diesel oil	43	47	51	56	59	63
Bagasse	*502	*517	*533	*541	*579	*525
Total input	*545	*565	*584	*596	*638	*588
Total production	115	99	111	127	128	105
Estimated efficiency (% of production to input)	21	17	19	21	20	18

Statistics on electricity

Faeroe Islands

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	317	334	352	386	407	424
Combustible fuels	159	163	180	230	251	269
Hydro	106	111	108	104	109	100
Nuclear	..	..	..	..	..	..
Other	52	60	64	53	47	54
Main activity	317	334	352	386	407	424
Combustible fuels	159	163	180	230	251	269
Hydro	106	111	108	104	109	100
Nuclear	..	..	..	..	..	..
Other	52	60	64	53	47	54
Own use in electricity, CHP and heat plants	7	10	11	12	11	11
Net production	310	325	341	374	395	413
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*19	*18	*20	*23	25	25
Consumption	291	306	321	350	371	388
Energy industries own use	..	..	..	..	..	..
By industry and construction	74	86	82	95	97	101
By transport	..	..	..	..	..	..
By households and other cons.	218	221	238	255	274	287
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	120	121	121	131	168	*168
Combustible fuels	67	69	69	78	115	*115
Hydro	38	38	38	38	38	*38
Nuclear	..	..	..	..	..	..
Other	14	14	14	14	14	*15
Main activity	120	121	121	131	168	*168
Combustible fuels	67	69	69	78	115	*115
Hydro	38	38	38	38	38	*38
Nuclear	..	..	..	..	..	..
Other	14	14	14	14	14	*15
Combustible fuel input	Terajoules					
Gas-diesel oil	80	46	64	187	24	59
Fuel oil	1301	1318	1453	1787	2065	2131
Total input	1381	1364	1517	1974	2090	2190
Total production	572	588	648	828	903	969
Estimated efficiency (% of production to input)	41	43	43	42	43	44

Statistics on electricity
Falkland Is. (Malvinas)

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	19	17	18	18	18	19
Combustible fuels	13	12	12	13	14	14
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	6	5	5	4	5
Main activity	19	17	18	18	18	19
Combustible fuels	13	12	12	13	14	14
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	6	5	5	4	5
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	19	17	18	18	18	19
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*1	*1	*1	*1	*1	*1
Consumption	*18	*17	*16	*17	*17	*17
Energy industries own use	..	..	..	..	..	..
By industry and construction	*7	*7	*7	*7	*7	*8
By transport	..	..	..	..	..	..
By households and other cons.	*11	*9	*9	*10	*10	*10
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	9	9	9	9	*9	*9
Combustible fuels	7	7	7	7	*7	*7
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	2	2
Main activity	9	9	9	9	*9	*9
Combustible fuels	7	7	7	7	*7	*7
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	2	2
Combustible fuel input	Terajoules					
Gas-diesel oil	126	114	122	125	137	133
Total input	126	114	122	125	137	133
Total production	46	42	44	46	50	51
Estimated efficiency (% of production to input)	36	37	36	37	37	38

Statistics on electricity

Fiji

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	941	1017	1045	1074	989	949
Combustible fuels	435	514	464	498	417	389
Hydro	495	491	567	559	558	548
Nuclear	..	..	..	..	..	..
Other	11	11	15	16	*14	12
Main activity	931	994	1005	1025	922	888
Combustible fuels	425	491	424	450	350	328
Hydro	495	491	567	559	558	548
Nuclear	..	..	..	..	..	..
Other	11	11	15	16	*14	12
Own use in electricity, CHP and heat plants	11	12	12	13	13	20
Net production	930	1005	1033	1061	976	929
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*88	*103	*108	*111	*102	*100
Consumption	842	902	925	950	874	829
Energy industries own use	..	..	..	..	..	..
By industry and construction	211	222	226	227	194	152
By transport	..	..	..	..	..	..
By households and other cons.	631	681	699	723	680	677
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*328	*360	*363	*363	*363	*370
Combustible fuels	*172	*194	*194	*194	*194	*201
Hydro	130	138	138	138	138	138
Nuclear	..	..	..	..	..	..
Other	26	*28	*31	*31	*31	*31
Main activity	286	*306	*309	*309	*309	*309
Combustible fuels	*130	*140	*140	*140	*140	*140
Hydro	130	138	138	138	138	138
Nuclear	..	..	..	..	..	..
Other	26	*28	*31	*31	*31	*31
Combustible fuel input	Terajoules					
Hard coal briquettes	0	0	..	..	..	..
Gas-diesel oil	1434	*2021	*1739	*1935	*1462	*1462
Fuel oil	2511	*2424	*2222	*2222	*2020	*2101
Fuelwood	*18	*18	*18	*18	*18	*18
Bagasse	*93	*193	*386	*425	*425	*386
Total input	4056	*4656	*4365	*4600	*3925	*3967
Total production	1566	1852	1669	1794	1501	1400
Estimated efficiency (% of production to input)	39	40	38	39	38	35

Statistics on electricity

Finland

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	68757	67524	70263	68650	69268	72121
Combustible fuels	26399	25031	27959	25923	21392	23671
Hydro	15799	14772	13301	12421	15883	15792
Nuclear	23203	22477	22793	23870	23291	23598
Other	3356	5245	6210	6436	8701	9060
Main activity	59239	57691	59552	57831	59189	61536
Combustible fuels	18122	16460	18484	16210	12790	14658
Hydro	14764	13769	12357	11661	14789	14708
Nuclear	23203	22477	22793	23870	23291	23598
Other	3150	4985	5918	6090	8319	8572
Own use in electricity, CHP and heat plants	2554	2481	2730	2597	2670	2798
Net production	66203	65043	67533	66053	66598	69323
Imports	22110	22204	22548	23938	21774	24492
Exports	3159	1779	2612	3896	6670	6724
Losses	2586	2768	3024	3062	3149	3192
Consumption	82180	82275	84021	82640	78141	83301
Energy industries own use	1227	1236	1252	1330	1243	1207
By industry and construction	38503	38709	39487	38563	36089	38104
By transport	708	775	843	859	816	927
By households and other cons.	41742	41555	42439	41888	39993	43063
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	16173	17058	17018	17352	17301	17942
Combustible fuels	8672	8997	8901	8895	8439	8295
Hydro	3133	3156	3152	3157	3164	3171
Nuclear	2764	2779	2784	2794	2794	2794
Other	1604	2126	2181	2506	2904	3682
Main activity	14105	14752	14654	14894	14779	15402
Combustible fuels	6826	6958	6863	6860	6433	6355
Hydro	2947	2968	2963	2949	2959	2989
Nuclear	2764	2779	2784	2794	2794	2794
Other	1568	2047	2044	2291	2593	3264
Combustible fuel input	Terajoules					
Hard Coal	78495	68510	66280	51236	30052	33436
Peat	38934	37002	43281	38952	27899	25140
Biogas	3361	3500	3600	3236	2773	2985
Fuel oil	1576	3757	1252	1333	970	889
Natural gas	33907	31361	38536	34502	36013	34052
Blast furnace gas	5234	5407	5989	4074	4541	6740
Fuelwood	*94823	*102260	*95201	*89164	*75481	*95466
Municipal waste	16759	18058	19776	18876	16556	19035
Industrial waste	840	1033	986	882	1046	1099
Black liquor	*7397	*1108	*11628	*16880	*20810	*23601
Others	1796	2734	2838	3094	2722	2248
Total input	283122	274730	289367	262228	218862	244691
Total production	95036	90110	100651	93323	77012	85216
Estimated efficiency (% of production to input)	34	33	35	36	35	35

Statistics on electricity

France

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	564079	561977	581819	570949	532386	555283
Combustible fuels	63967	72878	57647	62148	56901	58263
Hydro	65686	55135	70472	61572	67095	63956
Nuclear	403195	398359	412942	399012	353833	379361
Other	31231	35605	40759	48217	54557	53703
Main activity	547940	545171	561165	548633	510708	533705
Combustible fuels	51281	59939	41405	44742	40693	42465
Hydro	65091	54608	69863	60977	66506	63395
Nuclear	403195	398359	412942	399012	353833	379361
Other	28373	32266	36955	43902	49676	48484
Own use in electricity, CHP and heat plants	23659	24128	23988	23870	22516	22786
Net production	540420	537850	557832	547079	509871	532497
Imports	19903	21119	13512	15632	19536	24334
Exports	61404	61248	76479	73299	64575	69227
Losses	37478	38599	38620	38093	35897	39121
Consumption	458011	454565	453173	446847	426557	448238
Energy industries own use	15268	15199	16071	15142	15197	15166
By industry and construction	117707	116738	116923	115656	105803	112729
By transport	10520	10580	10090	10081	8338	9507
By households and other cons.	314516	312048	310089	305968	297218	310835
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	133151	133089	135086	136254	136943	141904
Combustible fuels	24895	21907	21422	19791	19791	20435
Hydro	25621	25707	25727	25868	25955	26291
Nuclear	63130	63130	63130	63130	61400	61400
Other	19505	22345	24807	27465	29798	33778
Main activity	126837	126621	127403	128045	128333	133686
Combustible fuels	21065	18204	16836	15066	15125	16816
Hydro	25435	25517	25542	25674	25760	26097
Nuclear	63130	63130	63130	63130	61400	61400
Other	17207	19769	21895	24175	26048	29374
Combustible fuel input	Terajoules					
Hard Coal	108613	132117	87707	42806	36909	61731
Biogas	24208	24313	25841	27629	28649	33914
Gas-diesel oil	18748	19137	14409	17583	18784	18405
Fuel oil	36481	36653	29919	29621	27496	30033
Refinery gas	10148	10350	11963	13664	12762	11941
Natural gas	270476	308539	237065	304337	273259	255088
Blast furnace gas	16741	18007	25747	25791	21602	23801
Fuelwood	*44912	*46830	*50930	*51086	50131	*52948
Municipal waste	89574	90237	91261	90797	87972	86443
Black liquor	13979	*12615	*8715	*9984	*8576	*9893
Others	20520	19148	10419	*9944	*9766	*6963
Total input	654400	717945	593977	623243	575908	591160
Total production	230281	262362	207528	223732	204844	209746
Estimated efficiency (% of production to input)	35	37	35	36	36	35

Statistics on electricity
French Polynesia

Item	2016	2017	2018	2019	2020	2021
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	691	683	680	695	668	672
Combustible fuels	475	470	475	494	464	482
Hydro	183	175	164	159	159	142
Nuclear	..	..	..	..	..	..
Other	33	37	40	43	44	47
Main activity	691	683	680	695	668	672
Combustible fuels	475	470	475	494	464	482
Hydro	183	175	164	159	159	142
Nuclear	..	..	..	..	..	..
Other	33	37	40	43	44	47
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	691	683	679	695	668	672
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	51	40	39	38	39	39
Consumption	639	638	634	652	623	633
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	639	638	634	652	623	633
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	258	310	314	318	321	340
Combustible fuels	185	228	228	227	227	243
Hydro	47	47	47	49	49	49
Nuclear	..	..	..	..	..	..
Other	27	35	38	41	45	49
Main activity	258	310	314	318	321	340
Combustible fuels	185	228	228	227	227	243
Hydro	47	47	47	49	49	49
Nuclear	..	..	..	..	..	..
Other	27	35	38	41	45	49
Combustible fuel input	Terajoules					
Gas-diesel oil	1598	1675	1562	1605	1566	4362
Fuel oil	2694	2750	2743	2858	2705	136
Total input	4292	4425	4305	4463	4270	4498
Total production	1709	1692	1712	1777	1672	1735
Estimated efficiency (% of production to input)	40	38	40	40	39	39