

Statistics on electricity
Republic of Moldova

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	963	939	906	896	952	939
Combustible fuels	902	885	862	839	884	830
Hydro	59	50	39	48	44	65
Nuclear	..	..	..	..	..	..
Other	2	4	5	9	24	44
Main activity	893	899	864	841	882	862
Combustible fuels	832	845	820	786	827	777
Hydro	59	50	39	48	44	65
Nuclear	..	..	..	..	..	..
Other	2	4	5	7	11	20
Own use in electricity, CHP and heat plants	126	134	136	135	130	155
Net production	837	805	770	761	822	784
Imports	3342	3315	3325	3412	3500	3501
Exports	..	..	..	..	..	..
Losses	481	393	428	429	441	425
Consumption	3698	3727	3667	3744	3881	3860
Energy industries own use	49	41	45	40	40	47
By industry and construction	906	773	751	764	771	740
By transport	47	49	62	82	72	45
By households and other cons.	2696	2864	2809	2858	2998	3028
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	483	491	463	477	478	486
Combustible fuels	465	473	443	450	425	430
Hydro	16	16	16	16	16	16
Nuclear	..	..	..	..	..	..
Other	2	2	4	11	37	40
Main activity	348	348	350	353	358	363
Combustible fuels	330	330	330	330	330	330
Hydro	16	16	16	16	16	16
Nuclear	..	..	..	..	..	..
Other	2	2	4	7	12	17
Combustible fuel input	Terajoules					
Hard Coal	0	0	0	0	0	..
Biogas	178	401	361	282	313	292
Gas-diesel oil	0	0	0	0	0	..
Fuel oil	485	283	485	404	283	81
Other oil products	0	0	40	0	0	..
Natural gas	12931	11874	11660	11511	12292	10935
Fuelwood	0	0	0	0	0	..
Vegetal waste	0	0	0	0	0	0
Industrial waste	0	0	0	0	0	0
Total input	13594	12558	12546	12197	12888	11308
Total production	3247	3186	3103	3020	3182	2988
Estimated efficiency (% of production to input)	24	25	25	25	25	26

Statistics on electricity

Romania

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	65676	66296	65103	64296	64876	59623
Combustible fuels	26903	28604	26871	28672	27308	23787
Hydro	19280	17007	18536	14853	18097	16006
Nuclear	11676	11640	11286	11509	11377	11280
Other	7817	9045	8410	9262	8093	8550
Main activity	59581	58889	57978	57283	57482	53218
Combustible fuels	21866	22215	20561	22374	20509	18072
Hydro	18953	16603	18213	14609	17859	15736
Nuclear	11676	11640	11286	11509	11377	11280
Other	7086	8431	7918	8791	7736	8130
Own use in electricity, CHP and heat plants	4977	5019	4847	4941	4701	4446
Net production	60699	61277	60256	59355	60176	55177
Imports	2811	4492	4177	4842	3697	5493
Exports	9937	11220	9194	7735	6241	3975
Losses	7097	7161	7125	6994	7056	6501
Consumption	46424	47284	47802	49327	50341	50172
Energy industries own use	4519	4254	4545	4628	4774	4598
By industry and construction	19855	20525	20817	21724	22225	21949
By transport	1062	1082	1048	1089	1056	1060
By households and other cons.	20988	21423	21392	21886	22285	22564
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	23884	23830	23580	23572	23553	20908
Combustible fuels	11323	11233	11038	11067	11023	8366
Hydro	6613	6730	6734	6691	6701	6686
Nuclear	1411	1411	1411	1411	1411	1411
Other	4537	4456	4397	4403	4418	4445
Main activity	20441	20497	20416	20550	20568	18638
Combustible fuels	8981	8895	8887	8908	8873	6670
Hydro	6523	6619	6644	6610	6618	6603
Nuclear	1411	1411	1411	1411	1411	1411
Other	3526	3572	3474	3621	3666	3954
Combustible fuel input	Terajoules					
Brown Coal	207524	216668	190559	194597	182821	177525
Biogas	597	594	472	469	466	372
Motor gasoline	..	..	..	0	0	1
Gas-diesel oil	215	129	129	39	34	75
Fuel oil	889	1252	1656	512	991	334
Refinery gas	2525	1881	5198	4258	4195	6969
Petroleum coke	..	..	3250	3621	3495	2212
Natural gas	95207	109341	114034	121683	121155	101530
Blast furnace gas	690	1265	1336	1023	1425	1525
Fuelwood	5005	5383	6034	*6471	*6223	*6392
Others	4545	4143	2	0	0	0
Total input	317196	340656	322670	332674	320804	296934
Total production	96851	102974	96736	103218	98311	85631
Estimated efficiency (% of production to input)	31	30	30	31	31	29

Statistics on electricity
Russian Federation

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1064207	1067544	1090973	1094289	1115093	1121492
Combustible fuels	705598	701220	706663	702882	716119	713955
Hydro	177141	169914	186640	187131	193027	196510
Nuclear	180757	195470	196614	203143	204569	208984
Other	711	940	1056	1133	1378	2043
Main activity	997475	995548	1016191	1021908	1039647	1044968
Combustible fuels	640412	630719	633211	631728	641826	638607
Hydro	175595	168419	185310	185904	191873	195334
Nuclear	180757	195470	196614	203143	204569	208984
Other	711	940	1056	1133	1378	2043
Own use in electricity, CHP and heat plants	69547	69574	67738	70589	70556	70240
Net production	994660	997970	1023235	1023700	1044537	1051252
Imports	6623	6586	3194	6410	5177	1618
Exports	14671	18244	17694	17006	17779	20049
Losses	106567	106553	107247	105261	103119	99077
Consumption	880045	879759	898111	904191	924909	930536
Energy industries own use	142215	147419	154141	143306	165327	174900
By industry and construction	333701	329000	326343	338785	340296	340553
By transport	90256	82120	82569	77587	82010	81628
By households and other cons.	313873	321219	335059	344513	337277	333455
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	255952	257075	264730	267639	271600	*275820
Combustible fuels	179397	179148	185815	187701	190215	*191946
Hydro	50845	50998	51016	51241	51333	*51800
Nuclear	25304	26304	27189	27952	29140	30300
Other	406	625	710	746	913	*1774
Main activity	230592	232223	240259	242389	245977	*250198
Combustible fuels	154524	154773	161794	162912	165054	*166786
Hydro	50358	50521	50566	50779	50871	*51338
Nuclear	25304	26304	27189	27952	29140	30300
Other	406	625	710	746	913	*1774
Combustible fuel input	Terajoules					
Hard Coal	1319217	1468222	1443157	1428813	1614200	1626872
Brown Coal	857293	969909	916234	925259	924413	895957
Peat	11041	5790	7264	5112	5516	6826
Gas-diesel oil	58480	62823	50224	57375	54739	53879
Fuel oil	90658	96798	83386	57422	61414	50392
Other oil products	..	..	..	..	..	24894
Natural gas	7890479	7522764	7260211	7154601	7880830	7539178
Coke-oven gas	69246	69503	68586	64978	63008	61762
Blast furnace gas	52344	56294	52739	63194	56448	60593
Industrial waste	82455	85289	90771	90703	97637	97637
Others	3231	3295	3986	3474	*6158	9048
Total input	10434444	10340686	9976558	9850931	10764363	10427040
Total production	2540153	2524392	2543987	2530374	2578027	2570238
Estimated efficiency (% of production to input)	24	24	25	26	24	25

Statistics on electricity
Rwanda

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	478	576	633	700	759	798
Combustible fuels	268	290	341	349	403	393
Hydro	205	272	277	334	338	387
Nuclear	..	..	..	..	..	..
Other	5	14	15	17	18	18
Main activity	476	574	631	698	757	796
Combustible fuels	266	288	339	347	401	391
Hydro	205	272	277	334	338	387
Nuclear	..	..	..	..	..	..
Other	5	14	15	17	18	18
Own use in electricity, CHP and heat plants	40	13	2	25	2	*3
Net production	438	563	631	675	757	795
Imports	90	76	79	82	96	99
Exports	4	3	4	4	5	6
Losses	*86	121	145	156	166	167
Consumption	438	515	*561	597	682	*722
Energy industries own use	..	..	..	..	..	..
By industry and construction	83	96	*150	161	196	200
By transport	..	..	..	..	..	..
By households and other cons.	355	419	*411	435	486	*522
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	142	172	193	209	226	228
Combustible fuels	52	82	99	111	121	122
Hydro	80	80	84	86	92	95
Nuclear	..	..	..	..	..	..
Other	9	9	9	12	12	12
Main activity	141	171	192	208	225	227
Combustible fuels	51	81	98	110	120	121
Hydro	80	80	84	86	92	95
Nuclear	..	..	..	..	..	..
Other	9	9	9	12	12	12
Combustible fuel input	Terajoules					
Peat	..	*7	*70	*75	*153	*213
Gas-diesel oil	*2580	*2081	*2064	*2967	*3010	*3139
Natural gas	*161	*990	*1700	*1700	*1900	*1870
Bagasse	*36	*36	*36	*36	*36	*36
Total input	*2777	*3114	*3870	*4778	*5099	*5259
Total production	966	1045	1229	1257	1451	1416
Estimated efficiency (% of production to input)	35	34	32	26	28	27

Statistics on electricity

Samoa

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	127	134	149	154	154	169
Combustible fuels	98	93	101	108	90	96
Hydro	28	33	33	26	43	50
Nuclear	..	..	..	..	..	..
Other	1	8	16	20	21	24
Main activity	127	134	149	154	154	169
Combustible fuels	98	93	101	108	90	96
Hydro	28	33	33	26	43	50
Nuclear	..	..	..	..	..	..
Other	1	8	16	20	21	24
Own use in electricity, CHP and heat plants	4	4	4	0	1	0
Net production	123	130	145	154	153	169
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	14	15	15	15	15	17
Consumption	109	115	130	138	138	152
Energy industries own use	..	..	..	..	..	..
By industry and construction	6	8	5	11	10	10
By transport	..	..	..	..	..	..
By households and other cons.	103	107	125	128	129	142
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	42	*44	*52	53	*54	*56
Combustible fuels	23	*23	*23	*23	*23	*23
Hydro	12	11	*11	13	13	14
Nuclear	..	..	..	..	..	..
Other	7	11	18	18	*19	*19
Main activity	42	*44	*52	53	*54	*56
Combustible fuels	23	*23	*23	*23	*23	*23
Hydro	12	11	*11	13	13	14
Nuclear	..	..	..	..	..	..
Other	7	11	18	18	*19	*19
Combustible fuel input	Terajoules					
Gas-diesel oil	891	857	932	*989	*843	*903
Total input	891	857	932	*989	*843	*903
Total production	353	336	363	387	322	344
Estimated efficiency (% of production to input)	40	39	39	39	38	38

Statistics on electricity

Sao Tome and Principe

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*78	*81	86	*91	*91	*91
Combustible fuels	*70	*75	79	*83	*85	*85
Hydro	8	7	*7	*7	6	6
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*78	*81	86	*91	*91	*91
Combustible fuels	*70	*75	79	*83	*85	*85
Hydro	8	7	*7	*7	6	6
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Own use in electricity, CHP and heat plants	*5	*6	*6	*7	7	5
Net production	*73	*76	80	*84	*85	*86
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*15	*12	12	*12	*12	*12
Consumption	*58	*64	*69	*72	*73	*74
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*58	*64	*69	*72	*73	*74
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*23	*26	*27	*29	*29	*29
Combustible fuels	*21	*24	*25	*26	*26	*26
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*23	*26	*27	*29	*29	*29
Combustible fuels	*21	*24	*25	*26	*26	*26
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*688	*710	*744	*783	*796	*796
Total input	*688	*710	*744	*783	*796	*796
Total production	*251	*268	286	*300	*306	*306
Estimated efficiency (% of production to input)	36	38	38	38	38	38

Statistics on electricity
Saudi Arabia

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	311804	338376	345149	355145	343992	343458
Combustible fuels	311803	338330	345103	355075	343773	342623
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	46	46	70	219	835
Main activity	251728	263555	260659	265002	192831	193857
Combustible fuels	251727	263509	260613	264932	192612	193022
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	46	46	70	219	835
Own use in electricity, CHP and heat plants	7568	8015	8055	9420	11594	11889
Net production	304236	330361	337094	345725	332398	331569
Imports	466	461	343	3	2	3
Exports	515	512	1062	38	36	33
Losses	22050	25545	26186	41201	33105	31055
Consumption	279221	285539	284405	278078	279054	276989
Energy industries own use	10981	12327	13459	13731	13402	*12928
By industry and construction	48442	41429	40128	33500	44466	*43581
By transport	..	..	..	..	..	..
By households and other cons.	219798	231783	230818	230847	221186	220480
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	65507	69179	74726	80508	*77028	*76785
Combustible fuels	65506	69155	74702	80471	*76941	*76373
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	24	24	37	87	412
Main activity	55340	58200	62602	65882	*57793	*43185
Combustible fuels	55339	58176	62578	65845	*57706	*42773
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	24	24	37	87	412
Combustible fuel input	Terajoules					
Crude oil	952384	983602	*937537	*1029066	*749091	*830929
Gas-diesel oil	541155	539779	474419	462938	*440879	*132016
Fuel oil	262398	287608	315241	186365	175296	*611346
Natural gas	1801750	2194514	2322614	2435112	2338003	*2360160
Total input	3557688	4005503	4049811	4113481	3703268	*3934451
Total production	1122491	1217988	1242371	1278270	1237583	1233443
Estimated efficiency (% of production to input)	32	30	31	31	33	31

Statistics on electricity
Senegal

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3575	3818	4097	4418	4502	*4453
Combustible fuels	3542	3779	4044	4270	4333	*4081
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	33	39	53	148	169	*372
Main activity	2909	3105	3239	3449	3368	*3427
Combustible fuels	2909	3105	3239	3449	3368	*3212
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	*214
Own use in electricity, CHP and heat plants	49	54	54	54	55	52
Net production	3526	3764	4043	4364	4447	*4401
Imports	318	333	360	360	360	324
Exports	..	..	..	..	..	..
Losses	599	631	670	672	672	764
Consumption	3245	3466	3734	3472	3998	*3960
Energy industries own use	..	..	..	..	..	..
By industry and construction	836	951	1073	446	1075	1719
By transport	..	..	..	..	..	..
By households and other cons.	2409	2515	2661	3026	2923	*2242
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*875	886	*893	1016	1174	1432
Combustible fuels	*823	834	*840	884	1001	1141
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*52	*52	*53	132	173	*291
Main activity	*489	508	*510	554	671	971
Combustible fuels	*489	508	*510	554	671	811
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	*160
Combustible fuel input	Terajoules					
Hard Coal	..	..	..	4665	6764	8300
Gas-diesel oil	6321	4945	2365	5805	8342	5531
Fuel oil	23715	26179	28684	28159	32118	28826
Natural gas	1466	946	878	736	461	559
Bagasse	*2602	*1828	*2544	*2127	*3062	3253
Total input	34104	33898	34471	41492	50747	46469
Total production	12751	13604	14558	15372	15599	*14692
Estimated efficiency (% of production to input)	37	40	42	37	31	32

Statistics on electricity

Serbia

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	34060	38298	39342	37046	37426	37600
Combustible fuels	22437	27504	27784	27232	25870	26490
Hydro	11617	10783	11520	9752	11393	10198
Nuclear	..	..	..	..	..	..
Other	6	11	38	62	163	912
Main activity	33771	37980	38889	36520	36883	37130
Combustible fuels	22148	27186	27331	26706	25327	26020
Hydro	11617	10783	11520	9752	11393	10198
Nuclear	..	..	..	..	..	..
Other	6	11	38	62	163	912
Own use in electricity, CHP and heat plants	2161	2659	2714	2747	2642	3035
Net production	31899	35639	36628	34299	34784	34565
Imports	7008	6303	5068	6549	6400	5417
Exports	5445	7221	6990	5724	6284	5341
Losses	5163	5169	4808	4806	4532	4332
Consumption	28299	29552	29898	30317	30368	30308
Energy industries own use	2074	2363	2296	2193	2319	2314
By industry and construction	7223	7539	8001	8402	8735	8783
By transport	336	351	352	375	375	375
By households and other cons.	18666	19299	19249	19347	18939	18836
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	7326	7358	7410	7416	8066	7896
Combustible fuels	4303	4327	4352	4343	4851	4413
Hydro	3017	3022	3030	3038	2936	3074
Nuclear	..	..	..	..	..	..
Other	6	9	28	35	279	409
Main activity	7249	7281	7281	7296	7948	7744
Combustible fuels	4226	4250	4223	4223	4733	4261
Hydro	3017	3022	3030	3038	2936	3074
Nuclear	..	..	..	..	..	..
Other	6	9	28	35	279	409
Combustible fuel input	Terajoules					
Brown Coal	233364	291520	289300	286828	268847	269480
Lignite briquettes	389	705	726	717	658	607
Biogas	126	140	210	398	631	758
Gas-diesel oil	0	0	0	1	0	0
Fuel oil	323	40	81	58	2990	1252
Other oil products	..	..	..	..	..	40
Natural gas	7087	4997	5331	7478	8113	10164
Blast furnace gas	1841	3071	3929	4249	4760	4637
Fuelwood	78	100	90	81	105	320
Industrial waste	17	15	23	20	22	24
Others	0	0	0	0	0	0
Total input	243225	300589	299689	299831	286125	287283
Total production	80773	99014	100022	98036	93132	95364
Estimated efficiency (% of production to input)	33	33	33	33	33	33

Statistics on electricity
Seychelles

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	445	462	496	513	518	540
Combustible fuels	438	454	487	503	507	527
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	8	9	10	11	13
Main activity	363	378	410	424	428	448
Combustible fuels	355	369	401	414	417	435
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	8	9	10	11	13
Own use in electricity, CHP and heat plants	*10	*12	*12	*12	12	*24
Net production	435	450	484	501	506	516
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	41	*33	*32	*31	*30	*30
Consumption	395	409	452	470	476	486
Energy industries own use	..	..	..	..	..	..
By industry and construction	*120	*123	*132	*138	*137	*134
By transport	..	..	..	..	..	..
By households and other cons.	275	286	321	332	339	352
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	114	116	*137	155	*155	*157
Combustible fuels	107	110	*129	146	*146	*147
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	7	7	8	10	10	10
Main activity	87	89	*108	126	*126	*127
Combustible fuels	80	82	*100	116	*116	*118
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	7	7	8	10	10	10
Combustible fuel input	Terajoules					
Gas-diesel oil	*916	*920	*942	*972	*980	*1023
Fuel oil	*2868	3341	3600	3697	3758	*3939
Total input	*3784	4261	4541	4668	4738	*4962
Total production	1575	1634	1753	1812	1825	1897
Estimated efficiency (% of production to input)	42	38	39	39	39	38

Statistics on electricity

Sierra Leone

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	181	*260	*303	313	315	260
Combustible fuels	63	*71	*84	*88	*70	*13
Hydro	118	*189	*219	219	239	241
Nuclear	..	..	..	..	..	..
Other	1	1	1	6	*6	*6
Main activity	181	*257	*299	309	311	256
Combustible fuels	63	*67	*80	*84	*66	*9
Hydro	118	*189	*219	219	239	241
Nuclear	..	..	..	..	..	..
Other	1	1	1	6	*6	*6
Own use in electricity, CHP and heat plants	3	*3	*3	10	10	10
Net production	178	*257	*300	303	305	250
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	78	*80	*90	*90	*72	*77
Consumption	86	*177	*210	*210	*232	*173
Energy industries own use	..	..	..	..	..	..
By industry and construction	35	*68	*78	*78	*80	*75
By transport	..	..	..	..	..	..
By households and other cons.	52	*109	*132	*132	*152	*98
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	77	135	139	*142	*137	*143
Combustible fuels	27	78	78	*78	*76	*78
Hydro	50	56	60	*60	*57	*60
Nuclear	..	..	..	..	..	..
Other	0	0	1	4	4	*4
Main activity	77	133	138	*141	*136	*142
Combustible fuels	27	77	77	*77	*75	*77
Hydro	50	56	60	*60	*57	*60
Nuclear	..	..	..	..	..	..
Other	0	0	1	4	4	*4
Combustible fuel input	Terajoules					
Gas-diesel oil	*731	*774	*860	*903	*731	*99
Bagasse	..	*19	*20	*20	*19	*19
Vegetal waste	..	*72	*72	*72	*72	*70
Total input	*731	*865	*952	*995	*822	*188
Total production	225	*256	*301	*316	*252	*46
Estimated efficiency (% of production to input)	31	30	32	32	31	24

Statistics on electricity
Singapore

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	49348	50341	51733	52401	53142	54552
Combustible fuels	49310	50272	51587	52226	52905	54142
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	38	69	146	175	237	410
Main activity	46374	47100	48212	48410	48409	50055
Combustible fuels	46336	47031	48066	48235	48172	49645
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	38	69	146	175	237	410
Own use in electricity, CHP and heat plants	38	70	146	175	234	410
Net production	49310	50271	51587	52225	52908	54142
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2548	2428	2431	2416	2303	2286
Consumption	46403	47514	48623	49638	50438	51713
Energy industries own use	..	..	..	..	..	..
By industry and construction	19753	20088	20418	21241	21417	21445
By transport	2441	2445	2639	2768	2950	3021
By households and other cons.	24209	24981	25565	25629	26072	27248
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	12919	13059	13445	13612	13614	12563
Combustible fuels	12894	13013	13348	13500	13500	12292
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	26	46	97	112	115	271
Main activity	12571	12641	13027	13043	13046	12011
Combustible fuels	12545	12595	12931	12931	12931	11740
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	26	46	97	112	115	271
Combustible fuel input	Terajoules					
Hard Coal	9474	10178	10853	12464	12347	11598
Gas-diesel oil	86	43	1380	43	24	21
Fuel oil	2586	1939	2424	4537	3543	2270
Refinery gas	8366	7821	3119	2822	2134	1303
Natural gas	337803	341574	350194	352198	355698	364197
Bagasse	1863	2654	2902	2851	3224	3115
Municipal waste	27063	25750	27436	26741	24811	25133
Total input	387240	389959	398307	401656	401780	407638
Total production	177515	180977	185712	188012	190458	194911
Estimated efficiency (% of production to input)	46	46	47	47	47	48

Statistics on electricity
Sint Maarten (Dutch part)

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*358	*360	*362	*300	*291	*296
Combustible fuels	*358	*360	*362	*300	*291	*296
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*358	*360	*362	*300	*291	*296
Combustible fuels	*358	*360	*362	*300	*291	*296
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*358	*360	*362	*300	*291	*296
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*11	*11	*12	*10	*9	*9
Consumption	326	336	342	*282	*270	*274
Energy industries own use	..	..	..	..	..	..
By industry and construction	53	58	60	*49	*45	*42
By transport	..	..	..	..	..	..
By households and other cons.	272	278	283	*233	*225	*232
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	97	97	97	*88	*92	*96
Combustible fuels	97	97	97	*88	*92	*96
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	97	97	97	*88	*92	*96
Combustible fuels	97	97	97	*88	*92	*96
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	*3192	*3192	*3232	*2707	*2626	*2666
Total input	*3192	*3192	*3232	*2707	*2626	*2666
Total production	*1288	*1296	*1303	*1080	*1049	*1065
Estimated efficiency (% of production to input)	40	41	40	40	40	40

Statistics on electricity
Slovakia

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	27401	26903	27064	27738	26971	28434
Combustible fuels	6719	7008	7015	7367	7542	7953
Hydro	4462	4137	4606	4623	3879	4571
Nuclear	15499	15146	14774	15081	14843	15282
Other	721	612	669	667	707	628
Main activity	24361	23835	23980	24646	23456	25345
Combustible fuels	4402	4489	4542	4862	4650	5397
Hydro	4346	4052	4508	4523	3768	4451
Nuclear	15499	15146	14774	15081	14843	15282
Other	114	148	156	180	195	215
Own use in electricity, CHP and heat plants	2394	2145	2067	2046	2108	2068
Net production	25007	24758	24997	25692	24863	26366
Imports	12964	14999	13249	15563	12428	13538
Exports	11862	12611	10598	12535	8746	11838
Losses	667	1363	1332	1263	1235	1699
Consumption	25426	25768	26300	27434	27276	26332
Energy industries own use	1269	1397	1313	1631	1341	1140
By industry and construction	12237	11605	12085	12356	12794	12246
By transport	574	602	607	586	588	530
By households and other cons.	11346	12164	12295	12861	12553	12416
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8092	7782	7742	7671	7625	7724
Combustible fuels	3068	2754	2710	2645	2651	2639
Hydro	2523	2522	2524	2523	2528	2527
Nuclear	1940	1940	1940	1940	1940	1940
Other	561	566	568	563	506	618
Main activity	6947	6658	6643	6595	6518	6523
Combustible fuels	2411	2119	2106	2012	1882	1873
Hydro	2493	2495	2493	2493	2496	2494
Nuclear	1940	1940	1940	1940	1940	1940
Other	103	104	104	150	200	216
Combustible fuel input	Terajoules					
Hard Coal	15816	14279	14739	17425	18353	11405
Brown Coal	27261	28042	31222	24380	22139	20421
Biogas	3857	4574	4991	5040	4977	4988
Fuel oil	6504	8201	9534	8646	2990	2949
Natural gas	19005	19379	18955	20306	21164	30255
Blast furnace gas	1661	1438	1328	1742	1882	1055
Fuelwood	*6809	*7284	*9237	*8936	*9202	*8122
Vegetal waste	*757	*2872	*802	*797	*977	*904
Municipal waste	775	1090	1236	1217	932	1198
Black liquor	*6297	*5549	*5645	*5831	*5310	*4915
Others	2594	2628	2066	2861	2091	1500
Total input	91336	95336	99755	97181	90017	87712
Total production	24188	25229	25254	26521	27151	28631
Estimated efficiency (% of production to input)	26	26	25	27	30	33

Statistics on electricity

Slovenia

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	17437	15100	16500	16326	16327	16100
Combustible fuels	4440	5081	5730	5610	5397	5287
Hydro	6366	4091	4782	4141	4893	4683
Nuclear	6370	5648	5715	6285	5776	5821
Other	261	280	273	290	261	309
Main activity	16688	14412	15746	15595	15603	15331
Combustible fuels	4169	4813	5463	5344	5142	5026
Hydro	6138	3937	4555	3952	4672	4470
Nuclear	6370	5648	5715	6285	5776	5821
Other	11	14	13	14	13	14
Own use in electricity, CHP and heat plants	951	913	954	929	885	875
Net production	16486	14187	15546	15397	15442	15224
Imports	7254	9045	8359	9133	8930	9021
Exports	9997	9093	9535	9648	9432	9340
Losses	821	864	876	893	880	858
Consumption	12922	13275	13493	13988	14060	14047
Energy industries own use	463	487	468	458	348	368
By industry and construction	6057	6199	6234	6446	6499	6492
By transport	136	152	166	233	233	231
By households and other cons.	6266	6437	6625	6851	6980	6957
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3454	3360	3536	3619	3798	3820
Combustible fuels	1242	1133	1318	1332	1514	1512
Hydro	1296	1295	1293	1347	1344	1351
Nuclear	688	688	688	688	688	688
Other	228	244	237	252	252	269
Main activity	3070	2965	3148	3217	3395	3398
Combustible fuels	1192	1086	1272	1286	1467	1468
Hydro	1180	1179	1177	1231	1228	1230
Nuclear	688	688	688	688	688	688
Other	10	12	11	12	12	12
Combustible fuel input	Terajoules					
Hard Coal	101	135	136	120	128	123
Brown Coal	42032	42634	40630	45723	45515	42919
Biogas	1203	1163	1196	1024	957	875
Gas-diesel oil	344	172	86	112	132	51
Fuel oil	0	0	..	..	..	..
Liquefied petroleum gas	..	..	..	49	63	63
Natural gas	3153	3588	3638	4299	4300	4922
Fuelwood	*1467	*1761	*1744	*1995	*1872	*2153
Industrial waste	321	330	357	375	409	364
Biodiesel	37	37	37	44	58	48
Total input	48658	49819	47824	53742	53434	51518
Total production	15984	18292	20628	20198	19427	19032
Estimated efficiency (% of production to input)	33	37	43	38	36	37

Statistics on electricity

Solomon Islands

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	90	92	100	103	104	107
Combustible fuels	88	90	97	99	100	102
Hydro	0	0	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	1	2	2	3	3	4
Main activity	86	88	96	99	101	104
Combustible fuels	84	86	93	95	97	99
Hydro	0	0	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	1	2	2	3	3	4
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	90	92	100	103	104	107
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*9	*9	*10	*13	*16	*18
Consumption	*82	*83	*90	90	88	88
Energy industries own use	..	..	..	..	..	..
By industry and construction	*35	*33	*35	*37	*39	*41
By transport	..	..	..	..	..	..
By households and other cons.	*47	*50	*54	53	49	48
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*33	*33	*38	*39	*39	*40
Combustible fuels	*32	*32	*36	*36	*36	*36
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	1	1	2	3	3	3
Main activity	*32	*32	*33	*34	*34	*35
Combustible fuels	*31	*31	*31	*31	*31	*31
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	1	1	2	3	3	3
Combustible fuel input	Terajoules					
Gas-diesel oil	*1165	*1075	*1011	*998	*1015	*1027
Vegetal waste	*49	*55	*55	*48	*35	*36
Total input	*1214	*1130	*1066	*1046	*1050	*1063
Total production	316	323	348	356	360	368
Estimated efficiency (% of production to input)	26	29	33	34	34	35

Statistics on electricity
Somalia

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	354	355	362	367	367	367
Combustible fuels	350	350	350	350	350	350
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	5	12	17	17	*17
Main activity	354	355	362	367	367	367
Combustible fuels	350	350	350	350	350	350
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	5	12	17	17	*17
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	354	355	362	367	367	367
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*37	*37	*43	*47	*17	*16
Consumption	*317	*318	*319	*320	350	*351
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*317	*318	*319	*320	350	*351
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	82	83	87	90	91	91
Combustible fuels	80	80	80	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	3	7	10	11	11
Main activity	82	83	87	90	91	91
Combustible fuels	80	80	80	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	3	7	10	11	11
Combustible fuel input	Terajoules					
Gas-diesel oil	*4214	*4214	*4300	*4300	*4300	*4300
Total input	*4214	*4214	*4300	*4300	*4300	*4300
Total production	1260	1260	1260	1260	1260	1260
Estimated efficiency (% of production to input)	30	30	29	29	29	29

Statistics on electricity
South Africa

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	252578	249655	255112	257769	256064	252639
Combustible fuels	232516	228825	228523	227635	228082	222163
Hydro	4082	3720	3947	5323	5694	5791
Nuclear	13794	12237	15913	15743	11580	13252
Other	2186	4873	6729	9068	10708	11433
Main activity	240401	233391	221756	237648	232803	228480
Combustible fuels	222649	217282	201654	216379	214919	208778
Hydro	3958	3607	3856	5183	5619	5748
Nuclear	13794	12237	15913	15743	11580	13252
Other	..	265	333	343	685	702
Own use in electricity, CHP and heat plants	14360	13938	18308	18601	13853	13438
Net production	238218	235717	236804	239168	242211	239201
Imports	11177	10328	9113	7321	8320	7823
Exports	13836	11343	16140	14423	14458	14482
Losses	20940	19895	16293	21086	22737	22904
Consumption	211678	210031	224196	222422	226730	209748
Energy industries own use	16173	16169	20457	19750	21307	22611
By industry and construction	117427	116575	108405	107106	108341	106661
By transport	3714	3463	3097	3329	3120	2884
By households and other cons.	74364	73824	92237	92237	93962	77592
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*49206	*48168	*51889	*55432	*56205	*58683
Combustible fuels	*43238	*40581	*42581	*45497	*45497	*48380
Hydro	*2125	*2147	*3146	3479	3479	*3479
Nuclear	*1880	*1860	1860	1940	1940	1940
Other	1963	*3580	*4302	*4516	5289	4884
Main activity	*45403	*42448	*43256	*48555	*48555	*51438
Combustible fuels	*41438	*38381	*38190	*43097	*43097	*45980
Hydro	*2085	*2107	*3106	3418	3418	*3418
Nuclear	*1880	*1860	1860	1940	1940	1940
Other	..	*100	*100	100	*100	*100
Combustible fuel input	Terajoules					
Hard Coal	3007095	2909903	2944013	2916848	2812029	2835362
Gas-diesel oil	1935	1892	47541	381	1892	1844
Vegetal waste	*3730	*3730	5386	5457	5496	5926
Total input	3012760	2915525	2996940	2922686	2819417	2843132
Total production	837058	823770	822683	819486	821095	799788
Estimated efficiency (% of production to input)	28	28	27	28	29	28

Statistics on electricity

South Sudan

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	488	578	521	542	584	593
Combustible fuels	486	576	519	539	580	589
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	2	3	4	4
Main activity	234	246	221	503	542	550
Combustible fuels	233	245	220	502	540	548
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	2	2
Own use in electricity, CHP and heat plants	19	18	16	15	16	17
Net production	469	560	505	527	567	576
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	28	27	24	24	26	26
Consumption	429	529	477	498	501	536
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	197	198	223
By transport	..	..	..	..	..	..
By households and other cons.	429	529	477	301	303	313
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*81	*84	*84	*131	*131	*131
Combustible fuels	*80	*80	*80	*120	*120	*120
Hydro	..	3	*3	*3	*3	*3
Nuclear	..	..	..	..	..	..
Other	*1	*1	*1	*8	*8	*8
Main activity	*40	*43	*43	*90	*90	*90
Combustible fuels	*40	*40	*40	*80	*80	*80
Hydro	..	3	*3	*3	*3	*3
Nuclear	..	..	..	..	..	..
Other	0	0	0	*7	*7	*7
Combustible fuel input	Terajoules					
Motor gasoline	..	177	133	75	81	82
Gas-diesel oil	5590	7826	5934	5547	5969	6056
Total input	5590	8003	6067	5622	6050	6139
Total production	1750	2074	1868	1941	2089	2119
Estimated efficiency (% of production to input)	31	26	31	35	35	35

Statistics on electricity

Spain

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	278750	280911	274772	275726	274452	273257
Combustible fuels	112789	128947	113618	133002	118149	117125
Hydro	42970	31368	39865	21070	36803	26874
Nuclear	57305	57196	58633	58039	55766	58349
Other	65686	63400	62656	63615	63734	70909
Main activity	246639	247431	240730	239591	236865	234941
Combustible fuels	81783	96474	80530	97587	81760	80066
Hydro	41906	30620	39062	20593	35894	25977
Nuclear	57305	57196	58633	58039	55766	58349
Other	65645	63141	62505	63372	63445	70549
Own use in electricity, CHP and heat plants	10370	11160	10428	10808	10625	9461
Net production	268380	269751	264344	264918	263827	263796
Imports	12310	14956	21845	23762	24018	18721
Exports	15716	15089	14178	14593	12916	11859
Losses	26393	26509	26720	23823	25596	24790
Consumption	238508	243065	244640	250149	248968	245190
Energy industries own use	11611	11027	12125	11048	10503	10661
By industry and construction	71657	76055	77899	81019	78659	75925
By transport	3906	3978	3902	3987	4046	3937
By households and other cons.	151334	152005	150714	154095	155760	154667
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	106339	106758	105945	103863	103737	109970
Combustible fuels	49736	49296	48400	46456	46009	45821
Hydro	19223	20053	20080	20079	20080	20114
Nuclear	7399	7399	7399	7117	7117	7117
Other	29981	30010	30066	30210	30532	36919
Main activity	99055	100200	99356	97254	97054	103469
Combustible fuels	42880	43169	42243	40299	39799	39842
Hydro	18856	19686	19711	19710	19711	19745
Nuclear	7399	7399	7399	7117	7117	7117
Other	29920	29946	30003	30127	30428	36765
Combustible fuel input	Terajoules					
Hard Coal	411565	481734	362042	443931	385792	132568
Brown Coal	29263	30805	18293	26263	18023	9776
Biogas	8737	8450	8094	8417	8490	8276
Gas-diesel oil	49106	35432	32078	36077	37367	39130
Fuel oil	63913	69326	75467	76073	70862	64155
Natural gas	323797	384257	376162	461908	417687	593612
Blast furnace gas	12500	11345	8924	10863	10685	9099
Fuelwood	*44371	*26243	27506	*30705	*27252	*26235
Vegetal waste	*3168	*23658	*21886	*22528	*22959	*22450
Municipal waste	17098	20900	19226	21160	20926	21010
Others	21154	46247	37208	25031	21231	11201
Total input	984672	1138397	986886	1162957	1041274	937512
Total production	406040	464209	409025	478807	425336	421650
Estimated efficiency (% of production to input)	41	41	41	41	41	45

Statistics on electricity
Sri Lanka

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	12862	13227	14363	15004	15985	16726
Combustible fuels	7986	6854	9721	10381	9072	11218
Hydro	4563	5969	4221	4039	6401	4802
Nuclear	..	..	..	..	..	..
Other	313	404	422	583	513	705
Main activity	12812	12046	13461	13821	14577	15519
Combustible fuels	7986	6796	9630	10296	8985	11127
Hydro	4552	4904	3482	3075	5169	3783
Nuclear	..	..	..	..	..	..
Other	274	345	349	450	423	609
Own use in electricity, CHP and heat plants	438	561	633	336	612	635
Net production	12424	12666	13730	14668	15374	16091
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1426	925	997	1179	1407	1337
Consumption	10997	11741	12715	13489	14119	14738
Energy industries own use	..	..	..	..	..	..
By industry and construction	3758	3880	4149	4372	4598	4693
By transport	..	..	..	..	..	..
By households and other cons.	7239	7861	8566	9117	9521	10045
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	4043	3948	4010	4094	4124	*4334
Combustible fuels	2233	2108	2088	2144	2069	*2182
Hydro	1664	1684	1722	1720	1793	1809
Nuclear	..	..	..	..	..	..
Other	146	156	200	230	262	*343
Main activity	3723	3593	3598	3658	3642	*3800
Combustible fuels	2213	2088	2064	2115	2037	*2148
Hydro	1377	1377	1384	1364	1399	1399
Nuclear	..	..	..	..	..	..
Other	133	128	150	179	206	253
Combustible fuel input	Terajoules					
Hard Coal	39964	55099	58733	61151	58880	64737
Gas-diesel oil	12995	4240	16761	17535	7783	17404
Fuel oil	24659	12391	13227	19974	21776	26107
Naphtha	5904	6437	8010	9060	3071	5543
Bagasse	524	726	911	848	*1113	*1567
Total input	84047	78893	97643	108568	92622	115358
Total production	28748	24673	34995	37373	32660	40387
Estimated efficiency (% of production to input)	34	31	36	34	35	35

Statistics on electricity

St. Helena and Depend.

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	11	11	12	11	12	12
Combustible fuels	9	8	8	9	8	9
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	3	3	3	4	3
Main activity	11	11	12	11	12	12
Combustible fuels	9	8	8	9	8	9
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	3	3	3	4	3
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	11	11	12	11	12	12
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*2	*2	*2	*2	*1	*2
Consumption	9	9	9	9	11	10
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	9	9	9	9	11	10
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	9	10	11	11	12	12
Combustible fuels	8	8	8	8	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	*3	3	*3	4	*4
Main activity	9	10	11	11	12	12
Combustible fuels	8	8	8	8	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	*3	3	*3	4	*4
Combustible fuel input	Terajoules					
Gas-diesel oil	85	72	67	*77	*69	*83
Total input	85	72	67	*77	*69	*83
Total production	32	29	30	31	28	33
Estimated efficiency (% of production to input)	38	41	45	40	41	39

Statistics on electricity
St. Kitts-Nevis

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*221	*217	*228	232	*232	*235
Combustible fuels	*211	*207	*217	221	*221	*224
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	10	10	11	11	11	*11
Main activity	*220	*216	*227	231	*231	*234
Combustible fuels	*210	*206	*216	220	*220	*223
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	10	10	11	11	11	*11
Own use in electricity, CHP and heat plants	*2	*2	*2	5	*5	*5
Net production	*219	*215	*225	227	*227	*230
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*39	*31	*36	*45	*40	*40
Consumption	*180	*184	*189	*181	*187	*189
Energy industries own use	..	..	..	..	..	..
By industry and construction	*36	*37	*38	*36	*37	*37
By transport	..	..	..	..	..	..
By households and other cons.	*144	*147	*152	*145	*150	*152
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*64	64	65	65	71	*71
Combustible fuels	*60	60	60	60	67	*67
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	4	4	4	4	4
Main activity	*60	60	61	61	67	*67
Combustible fuels	*56	56	56	56	63	*63
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	4	4	4	4	4
Combustible fuel input	Terajoules					
Gas-diesel oil	*1978	*2051	*2107	*2077	*2090	*2090
Total input	*1978	*2051	*2107	*2077	*2090	*2090
Total production	*760	*746	*781	796	*796	*806
Estimated efficiency (% of production to input)	38	36	37	38	38	39

Statistics on electricity

St. Lucia

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	379	381	391	400	404	413
Combustible fuels	379	381	391	400	399	408
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	5	*5
Main activity	379	381	391	400	404	413
Combustible fuels	379	381	391	400	399	408
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	5	*5
Own use in electricity, CHP and heat plants	14	14	14	13	17	17
Net production	366	368	378	387	387	396
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	34	30	29	27	25	27
Consumption	332	338	348	360	362	369
Energy industries own use	..	..	..	..	..	..
By industry and construction	18	18	19	18	17	18
By transport	..	..	..	..	..	..
By households and other cons.	314	320	330	341	344	351
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	88	88	88	88	91	91
Combustible fuels	88	88	88	88	88	88
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	3	3
Main activity	88	88	88	88	91	91
Combustible fuels	88	88	88	88	88	88
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	3	3
Combustible fuel input	Terajoules					
Gas-diesel oil	3406	3422	3513	3593	3593	*3656
Total input	3406	3422	3513	3593	3593	*3656
Total production	1366	1373	1409	1441	1437	1469
Estimated efficiency (% of production to input)	40	40	40	40	40	40

Statistics on electricity

St. Pierre-Miquelon

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	48	49	48	49	51	52
Combustible fuels	48	49	48	49	51	52
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	..	..	..
Main activity	48	49	48	49	51	52
Combustible fuels	48	49	48	49	51	52
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	..	..	..
Own use in electricity, CHP and heat plants	2	2	2	2	2	2
Net production	46	47	47	47	49	50
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	0	*2	*2	*1	*1	*1
Consumption	46	44	45	46	47	49
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	46	44	45	46	47	49
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	27	25	25	25	26	26
Combustible fuels	26	25	25	25	26	26
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	0	0	0	0	0
Main activity	27	25	25	25	26	26
Combustible fuels	26	25	25	25	26	26
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*500	*500	*500	*499	*507	*525
Total input	*500	*500	*500	*499	*507	*525
Total production	174	175	174	175	183	188
Estimated efficiency (% of production to input)	35	35	35	35	36	36

Statistics on electricity

St. Vincent-Grenadines

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	142	147	153	151	151	*163
Combustible fuels	129	129	136	129	125	*136
Hydro	12	17	16	20	24	*25
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	2	*2
Main activity	142	146	153	150	150	*162
Combustible fuels	129	129	136	129	125	*136
Hydro	12	17	16	20	24	*25
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	1	*1
Own use in electricity, CHP and heat plants	5	5	5	5	5	*5
Net production	137	142	149	146	146	*158
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	10	9	11	9	11	*10
Consumption	127	133	138	137	135	*148
Energy industries own use	..	..	..	..	..	..
By industry and construction	7	7	7	7	7	*8
By transport	..	..	..	..	..	..
By households and other cons.	120	125	131	130	128	*140
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*51	53	53	48	46	48
Combustible fuels	*44	46	46	41	38	40
Hydro	*6	6	6	6	6	6
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	2	2
Main activity	*51	53	53	48	45	48
Combustible fuels	*44	46	46	41	38	40
Hydro	*6	6	6	6	6	6
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	2	2
Combustible fuel input	Terajoules					
Gas-diesel oil	1235	1228	1306	1227	1190	*1299
Total input	1235	1228	1306	1227	1190	*1299
Total production	466	463	490	464	450	*490
Estimated efficiency (% of production to input)	38	38	38	38	38	38

Statistics on electricity
State of Palestine

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	340	515	537	546	420	811
Combustible fuels	337	506	495	501	360	691
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	9	43	45	60	120
Main activity	268	360	360	392	284	651
Combustible fuels	266	355	339	369	254	591
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	5	21	23	30	60
Own use in electricity, CHP and heat plants	1	0	0	0	0	0
Net production	339	515	537	546	420	811
Imports	4935	5413	5473	5577	5916	6249
Exports	..	..	..	..	..	..
Losses	633	711	721	735	760	847
Consumption	4642	5216	5289	5388	5576	6213
Energy industries own use	..	..	..	..	..	..
By industry and construction	527	576	584	648	715	686
By transport	..	..	..	..	..	..
By households and other cons.	4115	4640	4705	4740	4861	5528
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	163	172	185	190	200	240
Combustible fuels	160	160	160	160	160	160
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	12	25	30	40	80
Main activity	142	146	153	155	160	180
Combustible fuels	140	140	140	140	140	140
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	6	13	15	20	40
Combustible fuel input	Terajoules					
Motor gasoline	337	443	403	279	235	222
Gas-diesel oil	2989	3939	4094	4670	3040	6050
Total input	3325	4382	4497	4949	3275	6272
Total production	1212	1820	1780	1803	1297	2489
Estimated efficiency (% of production to input)	36	42	40	36	40	40

Statistics on electricity

Sudan

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	11505	13171	14558	15679	16395	17024
Combustible fuels	2579	4738	6489	6312	6717	*6792
Hydro	8913	8420	8051	9347	9657	10210
Nuclear	..	..	..	..	..	..
Other	13	13	18	20	21	22
Main activity	11389	13060	14447	15562	16277	16915
Combustible fuels	2463	4627	6378	6195	6599	*6683
Hydro	8913	8420	8051	9347	9657	10210
Nuclear	..	..	..	..	..	..
Other	13	13	18	20	21	22
Own use in electricity, CHP and heat plants	125	138	182	261	475	*487
Net production	11380	13033	14376	15418	15920	16536
Imports	443	129	439	891	808	*818
Exports	..	5	6	..	..	..
Losses	2502	2870	3030	3140	3028	*3250
Consumption	9710	10580	11799	12961	13700	*14104
Energy industries own use	..	..	..	..	..	..
By industry and construction	1628	1512	1794	2003	1795	*1898
By transport	..	..	..	..	..	..
By households and other cons.	8082	9068	10005	10958	11905	*12207
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*3340	3321	3540	3770	3933	*4138
Combustible fuels	*1739	1717	1935	2004	2013	*2213
Hydro	1593	1593	1593	1753	1907	1907
Nuclear	..	..	..	..	..	..
Other	8	11	12	13	13	18
Main activity	3150	3131	3350	3580	3734	*3938
Combustible fuels	*1549	1527	1745	1814	1814	*2013
Hydro	1593	1593	1593	1753	1907	1907
Nuclear	..	..	..	..	..	..
Other	8	11	12	13	13	18
Combustible fuel input	Terajoules					
Crude oil	..	*23265	*31725	*31725	31725	*31725
Gas-diesel oil	29068	*30272	*31863	*39345	*39345	*39345
Bagasse	*2093	*2000	*1977	*2100	*2131	*1961
Total input	31161	*55537	*65565	*73170	*73201	*73031
Total production	9285	17057	23359	22722	24182	*24451
Estimated efficiency (% of production to input)	30	31	36	31	33	33

Statistics on electricity

Suriname

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2082	2088	2031	2122	2293	2337
Combustible fuels	1276	1378	1239	1187	1284	1375
Hydro	797	702	783	926	1000	952
Nuclear	..	..	..	..	..	..
Other	9	9	9	9	10	10
Main activity	760	766	582	671	*589	603
Combustible fuels	751	757	573	662	*579	593
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	9	9	9	9	10	10
Own use in electricity, CHP and heat plants	82	75	38	98	84	60
Net production	2000	2014	1993	2024	2210	2277
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	190	242	217	217	426	452
Consumption	1768	1909	1940	1919	1935	1976
Energy industries own use	..	..	..	..	..	..
By industry and construction	727	716	851	852	857	845
By transport	..	..	..	..	..	..
By households and other cons.	1041	1194	1089	1067	1079	1131
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	502	502	508	529	532	539
Combustible fuels	307	307	313	334	336	343
Hydro	189	189	189	189	189	*189
Nuclear	..	..	..	..	..	..
Other	6	6	6	6	7	7
Main activity	190	190	196	217	220	227
Combustible fuels	184	184	190	211	213	220
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	6	6	6	7	7
Combustible fuel input	Terajoules					
Gas-diesel oil	731	753	674	690	676	1111
Fuel oil	13756	13866	12420	12681	12444	12467
Natural gas	149	152	136	136	195	232
Total input	14636	14771	13230	13507	13315	13811
Total production	4595	4960	4461	4275	4621	4950
Estimated efficiency (% of production to input)	31	34	34	32	35	36

Statistics on electricity

Sweden

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	153663	162112	156010	164250	163400	168439
Combustible fuels	13632	13906	15150	15547	15571	16390
Hydro	63872	75439	62137	65168	62250	65393
Nuclear	64877	56348	63101	65696	68549	66130
Other	11282	16419	15622	17839	17030	20526
Main activity	147866	156285	150272	158035	157261	161475
Combustible fuels	7847	8090	9423	9344	9443	9431
Hydro	63860	75428	62126	65156	62239	65388
Nuclear	64877	56348	63101	65696	68549	66130
Other	11282	16419	15622	17839	17030	20526
Own use in electricity, CHP and heat plants	3706	3067	3479	3724	3723	2794
Net production	149957	159045	152531	160526	159677	165645
Imports	13852	9294	14287	11896	12202	9070
Exports	29475	31894	26022	30888	29425	35231
Losses	7335	6988	8569	9495	10537	10842
Consumption	125195	127983	130784	130495	130629	127404
Energy industries own use	3004	3124	3288	3241	3067	2846
By industry and construction	50730	50281	50289	50939	50719	49478
By transport	2615	2595	2664	2476	2573	2738
By households and other cons.	68846	71983	74543	73839	74270	72342
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	39921	40885	41511	39798	41223	42824
Combustible fuels	9270	8945	8689	7442	8408	8343
Hydro	15996	16329	16466	16502	16431	16462
Nuclear	9507	9688	9768	8999	8656	8624
Other	5148	5923	6588	6855	7728	9395
Main activity	38718	39683	40305	38513	39775	41413
Combustible fuels	8076	7751	7495	6175	6978	6950
Hydro	15987	16321	16454	16484	16413	16444
Nuclear	9507	9688	9768	8999	8656	8624
Other	5148	5923	6588	6855	7728	9395
Combustible fuel input	Terajoules					
Hard Coal	8423	8255	5358	6493	6753	4274
Peat	5261	4441	4870	4626	7239	4827
Gas-diesel oil	129	1376	1892	1075	1634	1720
Fuel oil	3232	1454	2707	1656	2060	889
Natural gas	7695	8082	11451	4724	6769	4968
Blast furnace gas	5749	5435	5608	6833	7167	6031
Fuelwood	*121842	*124449	*135091	*143783	*142651	*153866
Municipal waste	56454	58887	61789	65148	60846	64100
Industrial waste	863	749	746	748	755	744
Other recovered gases	1648	1542	1951	1992	1891	1351
Others	1483	1467	1646	1725	1628	1460
Total input	*212779	*216138	*233108	*238804	*239394	*244229
Total production	49075	50062	54540	55969	56056	59004
Estimated efficiency (% of production to input)	23	23	23	23	23	24

Statistics on electricity

Switzerland

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	71767	67720	63175	63089	69109	73471
Combustible fuels	3566	3521	3898	3864	3727	3768
Hydro	39701	39881	36689	37033	37802	40962
Nuclear	27557	23089	21146	20376	25513	26418
Other	943	1229	1442	1816	2067	2324
Main activity	64902	60625	55986	55592	61145	65258
Combustible fuels	457	425	681	662	596	616
Hydro	36787	37001	34050	34421	34915	38079
Nuclear	27557	23089	21146	20376	25513	26418
Other	101	110	109	133	122	146
Own use in electricity, CHP and heat plants	1759	1565	1469	1437	1659	1732
Net production	70008	66155	61706	61652	67450	71739
Imports	28530	34033	34096	36496	31020	29505
Exports	34021	35068	30173	30946	32607	35765
Losses	4696	4577	4468	4559	4228	4149
Consumption	59812	60535	61152	62631	61632	61330
Energy industries own use	2355	2296	2922	4160	3987	4133
By industry and construction	18019	17989	17761	17897	17311	17269
By transport	3069	3136	3200	3150	3089	3042
By households and other cons.	36369	37114	37269	37424	37245	36886
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	19165	19618	20839	21614	22063	22422
Combustible fuels	993	1016	961	946	940	942
Hydro	13743	13815	14806	15354	15542	15574
Nuclear	3308	3333	3333	3333	3333	3333
Other	1121	1454	1739	1981	2248	2573
Main activity	16813	16957	17736	18286	18456	18512
Combustible fuels	263	260	217	257	257	259
Hydro	13182	13304	14111	14621	14791	14845
Nuclear	3308	3333	3333	3333	3333	3333
Other	60	60	75	75	75	75
Combustible fuel input	Terajoules					
Biogas	1898	1990	2146	2235	2230	2376
Gas-diesel oil	301	258	258	293	215	276
Fuel oil	..	..	..	2	..	..
Liquefied petroleum gas	47	47	47	25	17	17
Natural gas	3321	4639	6679	5568	4927	5399
Fuelwood	6041	4944	5551	*6657	6312	7686
Municipal waste	41292	42832	44564	45189	45500	45902
Industrial waste	2002	881	834	1034	1189	1232
Total input	54902	55591	60079	61003	60392	62888
Total production	12838	12676	14033	13912	13417	13565
Estimated efficiency (% of production to input)	23	23	23	23	22	22

Statistics on electricity
Syrian Arab Republic

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	21223	17982	18202	18412	18210	17586
Combustible fuels	18883	17569	17273	17658	17456	16832
Hydro	2340	413	929	754	754	754
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	20569	17383	17556	17695	17538	17006
Combustible fuels	18229	16970	16627	16941	16784	16252
Hydro	2340	413	929	754	754	754
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2425	2055	2080	2104	2081	2010
Net production	18798	15927	16122	16308	16129	15577
Imports	..	..	..	..	..	..
Exports	138	262	67	543	543	347
Losses	3272	2627	2857	2415	2382	3687
Consumption	15388	13038	13198	13351	13205	12596
Energy industries own use	..	..	..	..	..	..
By industry and construction	5175	4385	4439	4490	4441	4237
By transport	..	..	..	..	..	..
By households and other cons.	10213	8653	8759	8861	8764	8360
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*9604	*9123	9687	*9691	10059	10060
Combustible fuels	*8109	*7550	8192	*8199	8567	8567
Hydro	1494	1572	1494	1490	1490	1490
Nuclear	..	..	..	..	..	..
Other	1	1	1	2	2	3
Main activity	*8509	*8028	8775	*8779	9087	9088
Combustible fuels	*7014	*6455	7280	*7287	7595	7595
Hydro	1494	1572	1494	1490	1490	1490
Nuclear	..	..	..	..	..	..
Other	1	1	1	2	2	3
Combustible fuel input	Terajoules					
Gas-diesel oil	11696	10707	11567	12814	11997	10373
Fuel oil	43874	49288	63590	69407	69407	69407
Natural gas	151174	132663	115694	114151	113534	108907
Total input	206744	192658	190851	196372	194938	188686
Total production	67979	63248	62183	63569	62842	60596
Estimated efficiency (% of production to input)	33	33	33	32	32	32

Statistics on electricity

Tajikistan

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	16472	17162	17232	18144	19743	20676
Combustible fuels	160	302	608	1011	1348	1507
Hydro	16312	16860	16624	17133	18395	19169
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	16472	17162	17232	18144	19743	20676
Combustible fuels	160	302	608	1011	1348	1507
Hydro	16312	16860	16624	17133	18395	19169
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	24	25	36	229	205	213
Net production	16448	17137	17196	17915	19538	20463
Imports	13	63	103	110	559	281
Exports	1366	1400	1427	1421	2945	3175
Losses	2804	2700	2746	*2873	*2968	2429
Consumption	12407	12511	12986	13842	13890	14167
Energy industries own use	63	65	64	68	..	..
By industry and construction	4132	4186	4758	4428	*3438	3464
By transport	41	50	72	30	7	*8
By households and other cons.	8171	8210	8092	9316	10445	10695
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	6280	6283	6577	*6577	*6577	6451
Combustible fuels	421	422	719	*719	*719	718
Hydro	5859	5861	5858	*5858	*5858	5733
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6280	6283	6577	*6577	*6577	6451
Combustible fuels	421	422	719	*719	*719	718
Hydro	5859	5861	5858	*5858	*5858	5733
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	2044	3047	*6075	13851	21238	23250
Total input	2044	3047	*6075	13851	21238	23250
Total production	576	1087	2189	3640	4853	5425
Estimated efficiency (% of production to input)	28	36	36	26	23	23

Statistics on electricity
Thailand

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	172208	177227	188265	181940	182288	190681
Combustible fuels	165194	170641	180891	171453	168326	175418
Hydro	5323	3878	3651	4833	7783	6446
Nuclear	..	..	..	..	..	..
Other	1691	2708	3723	5654	6179	8818
Main activity	139690	141436	136455	126251	118161	121749
Combustible fuels	133901	136947	132074	119793	108237	111059
Hydro	5300	3850	3632	4811	7745	6411
Nuclear	..	..	..	..	..	..
Other	489	639	749	1648	2178	4279
Own use in electricity, CHP and heat plants	5931	3338	3300	3051	2824	2932
Net production	166277	173889	184965	178889	179464	187749
Imports	12260	14414	19825	24427	26669	25547
Exports	2066	2267	1436	1106	1093	2882
Losses	10545	11782	12225	11920	12904	13286
Consumption	168788	174053	184960	185369	188048	193176
Energy industries own use	..	..	..	..	..	..
By industry and construction	82623	83982	88878	87772	87829	86104
By transport	105	108	113	245	216	215
By households and other cons.	86060	89963	95969	97352	100003	106857
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	37723	40898	43147	44024	45179	45260
Combustible fuels	30736	33770	34721	35226	35426	35082
Hydro	3459	3469	3467	3467	*3682	*3682
Nuclear	..	..	..	..	..	..
Other	*3528	*3659	*4958	*5330	*6071	*6495
Main activity	22541	24116	26183	27060	28215	28296
Combustible fuels	17569	19003	19772	20277	20477	20133
Hydro	3444	3454	3452	3452	*3667	*3667
Nuclear	..	..	..	..	..	..
Other	*1528	*1659	*2958	*3330	*4071	*4495
Combustible fuel input	Terajoules					
Hard Coal	224205	216529	220617	206690	226974	213179
Brown Coal	182557	155355	174281	168344	150121	145137
Biogas	7564	8832	8282	10987	24932	27594
Gas-diesel oil	1548	2064	2537	1628	1480	1480
Fuel oil	14665	9373	5616	1890	608	987
Natural gas	1030723	1075488	1053538	1022823	1008529	1051037
Bagasse	*153602	*153538	*202251	*198197	*241913	*165705
Vegetal waste	..	..	*202357	*139385	*91490	*196000
Municipal waste	592	5789	1225	1521	2831	4310
Other liquid biofuels	..	..	..	..	..	5678
Total input	1615455	1626968	1870704	1751466	1748877	1811108
Total production	594698	614308	651208	617230	605974	631504
Estimated efficiency (% of production to input)	37	38	35	35	35	35

Statistics on electricity
Timor-Leste

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	351	353	415	430	453	518
Combustible fuels	349	350	413	427	450	515
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	*1
Main activity	351	353	415	430	453	518
Combustible fuels	349	350	413	427	450	515
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	*1
Own use in electricity, CHP and heat plants	23	23	22	23	27	30
Net production	328	329	393	406	425	487
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*70	*75	*80	*85	*90	*103
Consumption	*258	254	313	321	335	384
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*258	254	313	321	335	384
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	283	283	283	283	283	283
Combustible fuels	283	283	283	283	283	283
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Main activity	283	283	283	283	283	283
Combustible fuels	283	283	283	283	283	283
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	*2881	*2890	2387	3523	2861	4236
Total input	*2881	*2890	2387	3523	2861	4236
Total production	1256	1261	1485	1538	1622	1855
Estimated efficiency (% of production to input)	44	44	62	44	57	44

Statistics on electricity

Togo

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	358	444	950	692	589	723
Combustible fuels	233	383	742	485	389	481
Hydro	125	61	208	205	196	239
Nuclear	..	..	..	..	..	..
Other	..	..	..	2	3	3
Main activity	347	432	937	677	582	716
Combustible fuels	222	371	729	472	385	478
Hydro	125	61	208	205	196	239
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	7	16	26	15	14	30
Net production	351	428	924	677	575	693
Imports	857	857	448	747	882	963
Exports	..	..	..	..	..	118
Losses	186	184	188	121	197	210
Consumption	1023	1138	1185	1313	1239	1328
Energy industries own use	..	..	..	..	..	..
By industry and construction	309	387	413	436	604	628
By transport	..	..	..	..	..	..
By households and other cons.	714	751	772	877	635	700
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	227	227	213	227	227	230
Combustible fuels	160	160	158	158	157	158
Hydro	67	67	55	67	67	67
Nuclear	..	..	..	..	..	..
Other	..	..	..	3	4	5
Main activity	219	219	205	217	216	217
Combustible fuels	152	152	150	150	149	150
Hydro	67	67	55	67	67	67
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	172	559	129	258	172	168
Fuel oil	1381	1397	5239	3621	1316	14
Natural gas	1481	1467	262	0	1767	3876
Vegetal waste	..	29	29	..	..	..
Total input	3034	3452	5659	3879	3254	4058
Total production	839	1380	2671	1745	1401	1733
Estimated efficiency (% of production to input)	28	40	47	45	43	43

Statistics on electricity

Tonga

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	55	55	60	67	66	71
Combustible fuels	52	52	55	61	62	64
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	3	5	5	4	6
Main activity	55	55	60	67	66	71
Combustible fuels	52	52	55	61	62	64
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	3	5	5	4	6
Own use in electricity, CHP and heat plants	2	1	2	2	2	2
Net production	53	54	58	65	64	69
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	5	5	5	6	6	6
Consumption	*48	*49	*53	*59	*58	*63
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*48	*49	*53	*59	*58	*63
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*16	*17	20	24	24	25
Combustible fuels	*14	*15	17	18	18	18
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*2	*2	2	6	6	7
Main activity	*16	*17	20	24	24	25
Combustible fuels	*14	*15	17	18	18	18
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*2	*2	2	6	6	7
Combustible fuel input	Terajoules					
Fuel oil	492	487	*518	*542	*594	602
Total input	492	487	*518	*542	*594	602
Total production	187	188	199	221	221	231
Estimated efficiency (% of production to input)	38	39	38	41	37	38

Statistics on electricity
Trinidad and Tobago

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	9422	9570	9419	9323	9225	9188
Combustible fuels	9418	9565	9414	9318	9220	9183
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	5	5	5	5	5
Main activity	9341	9485	9337	9241	9149	9112
Combustible fuels	9337	9480	9332	9236	9144	9108
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	5	5	5	5	5
Own use in electricity, CHP and heat plants	343	348	343	339	336	335
Net production	9079	9222	9076	8984	8889	8853
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	245	248	253	275	426	424
Consumption	8835	8974	8823	8709	8463	8429
Energy industries own use	..	..	..	..	..	..
By industry and construction	5341	5425	5334	5265	5116	5096
By transport	..	..	..	..	..	..
By households and other cons.	3494	3549	3489	3444	3347	3333
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2499	2502	2505	2509	2156	2118
Combustible fuels	2496	2499	2502	2506	2153	2115
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	3
Main activity	2405	2405	2405	2405	2049	2022
Combustible fuels	2402	2402	2402	2402	2046	2019
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	3
Combustible fuel input	Terajoules					
Gas-diesel oil	215	215	301	294	300	311
Other oil products	0	80	201	158	..	..
Natural gas	121136	118721	109361	101416	97392	102221
Total input	121351	119016	109863	101868	97692	102532
Total production	33905	34434	33890	33545	33193	33060
Estimated efficiency (% of production to input)	28	29	31	33	34	32

Statistics on electricity
Tunisia

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	19024	19676	19808	20589	21012	22083
Combustible fuels	18254	18904	19002	19758	20085	20986
Hydro	56	69	45	17	17	66
Nuclear	..	..	..	..	..	..
Other	714	703	761	814	910	1032
Main activity	18257	18691	18634	19402	19545	20549
Combustible fuels	17694	18174	18115	18936	19075	19983
Hydro	56	69	45	17	17	66
Nuclear	..	..	..	..	..	..
Other	507	448	474	449	453	500
Own use in electricity, CHP and heat plants	653	559	492	428	457	471
Net production	18371	19117	19316	20161	20555	21612
Imports	536	403	134	450	382	472
Exports	625	500	255	483	484	631
Losses	2842	3166	3052	3507	3584	3641
Consumption	15418	16377	16001	16542	16879	17763
Energy industries own use	228	940	432	429	375	366
By industry and construction	5445	5478	5423	5389	5737	5719
By transport	93	94	96	94	99	93
By households and other cons.	9652	9865	10050	10630	10668	11585
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	5005	4976	5240	5085	4922	5526
Combustible fuels	4695	4649	4901	4734	4474	5068
Hydro	62	62	62	62	62	62
Nuclear	..	..	..	..	..	..
Other	248	265	277	289	386	396
Main activity	4792	4753	5005	4838	4578	5173
Combustible fuels	4497	4451	4703	4536	4276	4870
Hydro	62	62	62	62	62	62
Nuclear	..	..	..	..	..	..
Other	233	240	240	240	240	241
Combustible fuel input	Terajoules					
Gas-diesel oil	43	146	86	37	32	21
Fuel oil	3394	9534	687	727	808	785
Natural gas	174994	167766	169416	173384	176826	184591
Total input	178431	177447	170189	174149	177666	185397
Total production	65714	68054	68407	71129	72306	75550
Estimated efficiency (% of production to input)	37	38	40	41	41	41

Statistics on electricity

Turkey

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	251963	261783	274408	297278	304802	303898
Combustible fuels	200079	178871	185085	211290	208733	174041
Hydro	40645	67146	67231	58218	59938	88823
Nuclear	..	..	..	..	..	..
Other	11239	15766	22092	27769	36130	41034
Main activity	233781	243163	253746	276993	284884	280964
Combustible fuels	183126	161979	166450	193609	192399	155443
Hydro	39764	65924	66386	57252	58865	87540
Nuclear	..	..	..	..	..	..
Other	10891	15260	20910	26133	33620	37980
Own use in electricity, CHP and heat plants	12514	11883	12471	13020	14300	14762
Net production	239449	249900	261937	284258	290502	289136
Imports	7953	7136	6330	2728	2477	2212
Exports	2696	3195	1452	3304	3112	2789
Losses	37331	36528	35611	34659	31635	31285
Consumption	207375	217313	231204	249023	258232	257273
Energy industries own use	1933	2812	3034	3267	3298	4066
By industry and construction	95844	100723	105263	113215	114414	111610
By transport	916	1062	1156	1247	1350	1578
By households and other cons.	108682	112716	121751	131293	139170	140020
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	69520	73147	78497	85201	88551	91267
Combustible fuels	41730	41810	44278	46762	46712	47284
Hydro	23643	25868	26681	27273	28291	28503
Nuclear	..	..	..	..	..	..
Other	4147	5469	7538	11166	13548	15480
Main activity	65216	68694	73220	79011	82114	83679
Combustible fuels	38047	37999	40055	42345	42262	42062
Hydro	23099	25324	26131	26722	27740	27951
Nuclear	..	..	..	..	..	..
Other	4070	5371	7034	9944	12112	13666
Combustible fuel input	Terajoules					
Hard Coal	373458	423837	479342	518543	612465	609747
Brown Coal	568241	431698	518993	550750	587461	617324
Biogas	9653	11119	14721	17569	20496	24824
Fuel oil	18342	10585	10342	5010	2815	3738
Natural gas	897578	763792	684008	805752	662079	425807
Coke-oven gas	8965	9296	8328	10686	11457	9757
Blast furnace gas	23648	22876	23748	25637	21013	20009
Fuelwood	*589	*556	*986	*3288	*6269	*11765
Municipal waste	..	..	..	..	171	436
Industrial waste	144	1362	2067	2446	2259	240
Others	4386	9675	7095	5086	30	187
Total input	1905003	1684796	1749630	1944765	1926516	1723833
Total production	720284	643936	666306	760644	751440	626548
Estimated efficiency (% of production to input)	38	38	38	39	39	36

Statistics on electricity
Turkmenistan

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	20400	22534	22534	22534	22534	22534
Combustible fuels	20400	22534	22534	22531	22531	22531
Hydro	..	..	..	3	3	3
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	20400	22534	22534	22534	22534	22534
Combustible fuels	20400	22534	22534	22531	22531	22531
Hydro	..	..	..	3	3	3
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1542	1703	1703	1703	1703	1703
Net production	18858	20831	20831	20831	20831	20831
Imports	..	..	..	..	..	..
Exports	3210	3201	3201	3201	3201	3201
Losses	2547	2895	2895	2892	2892	2892
Consumption	13101	14735	14735	14738	14738	14738
Energy industries own use	2012	2262	2262	2262	2262	2262
By industry and construction	4001	4500	4500	4502	4502	4502
By transport	288	324	324	324	324	324
By households and other cons.	6800	7649	7649	7650	7650	7650
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*4001	*4401	4675	5201	5201	*5201
Combustible fuels	*4000	*4400	4674	5200	5200	*5200
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*4001	*4401	4675	5201	5201	*5201
Combustible fuels	*4000	*4400	4674	5200	5200	*5200
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Natural gas	371853	410752	410752	410748	410748	410748
Total input	371853	410752	410752	410748	410748	410748
Total production	73440	81122	81122	81111	81111	81111
Estimated efficiency (% of production to input)	20	20	20	20	20	20

Statistics on electricity

Turks and Caicos Islands

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*227	*230	*245	*293	*258	*261
Combustible fuels	*227	*230	*245	*293	*257	*260
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Main activity	*227	*230	*245	*293	*258	*261
Combustible fuels	*227	*230	*245	*293	*257	*260
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Own use in electricity, CHP and heat plants	*5	*3	*5	*3	*9	*7
Net production	*222	*227	*240	*290	*249	*254
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*13	*13	*15	*10	*13	*13
Consumption	209	*215	230	284	237	*241
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	209	*215	230	284	237	*241
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	79	82	82	82	85	85
Combustible fuels	79	82	82	82	84	84
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Main activity	79	82	82	82	85	85
Combustible fuels	79	82	82	82	84	84
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	*2408	*2494	*2580	*2666	*2774	*2855
Total input	*2408	*2494	*2580	*2666	*2774	*2855
Total production	*817	*828	*882	*1055	*925	*935
Estimated efficiency (% of production to input)	34	33	34	40	33	33

Statistics on electricity
Tuvalu

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6	6	7	8	9	*9
Combustible fuels	6	6	5	6	7	*7
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	2	2	2	2
Main activity	6	6	7	8	9	*9
Combustible fuels	6	6	5	6	7	*7
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	2	2	2	2
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	6	6	7	8	9	*9
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1	1	1	1	*1	*1
Consumption	5	6	7	7	*8	*8
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	5	6	7	7	*8	*8
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3	*5	*5	*5	5	*5
Combustible fuels	3	*3	*3	*3	3	*3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	2	2	2	2	2
Main activity	3	*5	*5	*5	5	*5
Combustible fuels	3	*3	*3	*3	3	*3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	2	2	2	2	2
Combustible fuel input	Terajoules					
Gas-diesel oil	65	61	59	62	*73	*73
Total input	65	61	59	62	*73	*73
Total production	21	20	20	21	25	*24
Estimated efficiency (% of production to input)	32	33	33	34	34	33