

Statistics on electricity
Republic of Moldova

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	939	906	896	954	941	983
Combustible fuels	885	862	839	884	830	881
Hydro	50	39	48	44	65	47
Nuclear	..	..	..	..	..	..
Other	4	5	9	26	46	55
Main activity	899	864	841	882	862	913
Combustible fuels	845	820	786	827	777	835
Hydro	50	39	48	44	65	47
Nuclear	..	..	..	..	..	..
Other	4	5	7	11	20	31
Own use in electricity, CHP and heat plants	134	136	135	132	157	148
Net production	805	770	761	822	784	835
Imports	3315	3325	3412	3500	3501	3418
Exports	..	..	..	..	..	..
Losses	393	428	429	441	425	404
Consumption	3727	3667	3744	3881	3860	3849
Energy industries own use	41	45	40	40	47	42
By industry and construction	773	751	764	771	740	705
By transport	49	62	82	72	45	42
By households and other cons.	2864	2809	2858	2998	3028	3060
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	491	463	477	478	486	490
Combustible fuels	473	443	450	425	430	428
Hydro	16	16	16	16	16	16
Nuclear	..	..	..	..	..	..
Other	2	4	11	37	40	46
Main activity	348	350	353	358	363	372
Combustible fuels	330	330	330	330	330	330
Hydro	16	16	16	16	16	16
Nuclear	..	..	..	..	..	..
Other	2	4	7	12	17	26
Combustible fuel input	Terajoules					
Hard Coal	0	0	0	0	..	..
Biogas	401	361	282	313	292	293
Gas-diesel oil	0	0	0	0	..	9
Fuel oil	283	485	404	283	81	16
Other oil products	0	40	0	0	..	0
Natural gas	11874	11660	11511	12292	10935	11112
Fuelwood	0	0	0	0	..	..
Vegetal waste	0	0	0	0	0	0
Industrial waste	0	0	0	0	0	0
Total input	12558	12546	12197	12888	11308	11430
Total production	3186	3103	3020	3182	2988	3172
Estimated efficiency (% of production to input)	25	25	25	25	26	28

Statistics on electricity

Romania

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	66296	65103	64296	64876	59623	55935
Combustible fuels	28604	26871	28672	27308	23787	20088
Hydro	17007	18536	14853	18097	16006	15701
Nuclear	11640	11286	11509	11377	11280	11466
Other	9045	8410	9262	8093	8550	8679
Main activity	58889	57978	57283	57482	53218	48648
Combustible fuels	22215	20561	22374	20509	18072	13527
Hydro	16603	18213	14609	17859	15736	15432
Nuclear	11640	11286	11509	11377	11280	11466
Other	8431	7918	8791	7736	8130	8222
Own use in electricity, CHP and heat plants	5019	4847	4941	4701	4446	4011
Net production	61277	60256	59355	60176	55177	51924
Imports	4492	4177	4842	3697	5493	8252
Exports	11220	9194	7735	6241	3975	5459
Losses	7161	7125	6994	7056	6501	6202
Consumption	47284	47802	49327	50341	50172	48479
Energy industries own use	4254	4545	4628	4774	4598	4454
By industry and construction	20525	20817	21724	22225	21949	20244
By transport	1082	1048	1089	1056	1060	1086
By households and other cons.	21423	21392	21886	22285	22564	22695
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	23830	23580	23572	23553	20908	20585
Combustible fuels	11233	11038	11067	11023	8366	8126
Hydro	6730	6734	6691	6701	6686	6653
Nuclear	1411	1411	1411	1411	1411	1411
Other	4456	4397	4403	4418	4445	4395
Main activity	20497	20416	20550	20568	18638	18029
Combustible fuels	8895	8887	8908	8873	6670	6309
Hydro	6619	6644	6610	6618	6603	6566
Nuclear	1411	1411	1411	1411	1411	1411
Other	3572	3474	3621	3666	3954	3743
Combustible fuel input	Terajoules					
Brown Coal	216668	190559	194597	182821	177525	119040
Biogas	594	472	469	466	372	475
Motor gasoline	..	..	0	0	1	0
Gas-diesel oil	129	129	39	34	75	72
Fuel oil	1252	1656	512	991	334	461
Refinery gas	1881	5198	4258	4195	6969	4235
Petroleum coke	..	3250	3621	3495	2212	1429
Natural gas	109341	114034	121683	121155	101530	108256
Blast furnace gas	1265	1336	1023	1425	1525	1674
Fuelwood	5383	6034	*6471	*6223	*6392	*6615
Others	4143	2	0	0	0	0
Total input	340656	322670	332674	320804	296934	242256
Total production	102974	96736	103218	98311	85631	72318
Estimated efficiency (% of production to input)	30	30	31	31	29	30

Statistics on electricity
Russian Federation

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1067544	1090973	1094289	1115093	1121492	1089668
Combustible fuels	701220	706663	702882	716119	713955	655850
Hydro	169914	186640	187131	193027	196510	214388
Nuclear	195470	196614	203143	204569	208984	215745
Other	940	1056	1133	1378	2043	3685
Main activity	995548	1016191	1021908	1039647	1044968	1018570
Combustible fuels	630719	633211	631728	641826	638607	586036
Hydro	168419	185310	185904	191873	195334	213104
Nuclear	195470	196614	203143	204569	208984	215745
Other	940	1056	1133	1378	2043	3685
Own use in electricity, CHP and heat plants	69574	67738	70589	70556	70240	68247
Net production	997970	1023235	1023700	1044537	1051252	1021421
Imports	6586	3194	6410	5177	1618	3608
Exports	18244	17694	17006	17779	20049	12274
Losses	106553	107247	105261	103119	99077	95572
Consumption	879759	898111	904191	924909	930536	914296
Energy industries own use	147419	154141	143306	165327	174900	164681
By industry and construction	329000	326343	338785	340296	340553	333135
By transport	82120	82569	77587	82010	81628	77401
By households and other cons.	321219	335059	344513	337277	333455	339078
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	257075	264730	267639	271600	302074	*300458
Combustible fuels	179148	185815	187701	190215	217060	*215160
Hydro	50998	51016	51241	51333	52757	52889
Nuclear	26304	27189	27952	29140	30300	*30300
Other	625	710	746	913	1957	2109
Main activity	232223	240259	242389	245977	276452	*274836
Combustible fuels	154773	161794	162912	165054	191900	*190000
Hydro	50521	50566	50779	50871	52295	52427
Nuclear	26304	27189	27952	29140	30300	*30300
Other	625	710	746	913	1957	2109
Combustible fuel input	Terajoules					
Hard Coal	1468222	1443157	1428813	1614200	1626872	1598465
Brown Coal	969909	916234	925259	924413	895957	781095
Peat	5790	7264	5112	5516	6826	6001
Gas-diesel oil	62823	50224	57375	54739	53879	47144
Fuel oil	96798	83386	57422	61414	50392	44093
Other oil products	..	..	..	..	24894	21782
Natural gas	7522764	7260211	7154601	7880830	7539178	7086389
Coke-oven gas	69503	68586	64978	63008	61762	58118
Blast furnace gas	56294	52739	63194	56448	60593	61541
Industrial waste	85289	90771	90703	97637	97637	99338
Others	3295	3986	3486	*6158	9048	8969
Total input	10340686	9976558	9850943	10764363	10427040	9812937
Total production	2524392	2543987	2530374	2578027	2570238	2361059
Estimated efficiency (% of production to input)	24	25	26	24	25	24

Statistics on electricity
Rwanda

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	576	633	700	759	798	838
Combustible fuels	290	341	349	403	393	326
Hydro	272	277	334	338	387	494
Nuclear	..	..	..	..	..	..
Other	14	15	17	18	18	18
Main activity	574	631	698	757	796	836
Combustible fuels	288	339	347	401	391	324
Hydro	272	277	334	338	387	494
Nuclear	..	..	..	..	..	..
Other	14	15	17	18	18	18
Own use in electricity, CHP and heat plants	13	2	25	2	*3	*3
Net production	563	631	675	757	795	835
Imports	76	79	82	96	99	28
Exports	3	4	4	5	6	6
Losses	121	145	156	166	167	*142
Consumption	515	*561	597	682	*722	*715
Energy industries own use	..	..	..	..	..	..
By industry and construction	96	*150	161	196	200	219
By transport	..	..	..	..	..	..
By households and other cons.	419	*411	435	486	*522	*496
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	172	193	209	226	228	238
Combustible fuels	82	99	111	121	122	122
Hydro	80	84	86	92	95	105
Nuclear	..	..	..	..	..	..
Other	9	9	12	12	12	12
Main activity	171	192	208	225	227	237
Combustible fuels	81	98	110	120	121	121
Hydro	80	84	86	92	95	105
Nuclear	..	..	..	..	..	..
Other	9	9	12	12	12	12
Combustible fuel input	Terajoules					
Peat	*7	*70	*75	*153	*213	*128
Gas-diesel oil	*2081	*1378	*1476	*1692	*1446	*980
Natural gas	*990	*1700	*1700	*1900	*1870	*1800
Bagasse	*36	*36	*36	*36	*36	*36
Total input	*3114	*3184	*3288	*3782	*3566	*2944
Total production	1045	1229	1257	1451	1416	1173
Estimated efficiency (% of production to input)	34	39	38	38	40	40

Statistics on electricity

Samoa

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	134	149	154	154	169	173
Combustible fuels	93	101	108	90	96	107
Hydro	33	33	26	43	50	41
Nuclear	..	..	..	..	..	..
Other	8	16	20	21	24	24
Main activity	134	149	154	154	169	172
Combustible fuels	93	101	108	90	96	107
Hydro	33	33	26	43	50	41
Nuclear	..	..	..	..	..	..
Other	8	16	20	21	24	24
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	134	149	154	154	169	173
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	19	19	16	15	17	16
Consumption	115	130	138	138	152	157
Energy industries own use	..	..	..	..	..	..
By industry and construction	8	5	11	10	10	10
By transport	..	..	..	..	..	..
By households and other cons.	107	125	128	129	142	147
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*44	*52	53	*54	*56	*58
Combustible fuels	*23	*23	*23	*23	*23	*24
Hydro	11	*11	13	13	14	14
Nuclear	..	..	..	..	..	..
Other	11	18	18	*19	*19	*21
Main activity	*44	*52	53	*54	*56	*58
Combustible fuels	*23	*23	*23	*23	*23	*24
Hydro	11	*11	13	13	14	14
Nuclear	..	..	..	..	..	..
Other	11	18	18	*19	*19	*21
Combustible fuel input	Terajoules					
Gas-diesel oil	857	932	*989	*843	*903	*1011
Vegetal waste	..	..	..	..	..	*1
Total input	857	932	*989	*843	*903	*1011
Total production	336	363	387	322	344	385
Estimated efficiency (% of production to input)	39	39	39	38	38	38

Statistics on electricity

Sao Tome and Principe

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	102	106	109	*110	110	*110
Combustible fuels	95	100	104	*103	103	*103
Hydro	7	6	5	6	6	*6
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	102	106	109	*110	110	*110
Combustible fuels	95	100	104	*103	103	*103
Hydro	7	6	5	6	6	*6
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Own use in electricity, CHP and heat plants	0	0	4	*4	7	*4
Net production	102	106	105	*105	102	*105
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*40	40	*40	*40	*34	*37
Consumption	*62	*65	*65	*65	*69	*69
Energy industries own use	..	..	..	..	..	..
By industry and construction	*2	*3	*3	*3	*3	*3
By transport	..	..	..	..	..	..
By households and other cons.	*60	*62	*62	*63	*66	*66
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*26	*27	*29	*29	*30	*30
Combustible fuels	*24	*25	*26	*26	*27	*27
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*26	*27	*29	*29	*30	*30
Combustible fuels	*24	*25	*26	*26	*27	*27
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	879	1006	1109	*1075	*1075	*1075
Total input	879	1006	1109	*1075	*1075	*1075
Total production	341	360	374	*372	372	*372
Estimated efficiency (% of production to input)	39	36	34	35	35	35

Statistics on electricity
Saudi Arabia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	338376	345149	353666	343800	343313	339119
Combustible fuels	338330	345103	353596	343581	342478	338283
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	46	46	70	219	835	*836
Main activity	263555	260659	207008	192639	193712	184183
Combustible fuels	263509	260613	206938	192420	192877	183347
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	46	46	70	219	835	*836
Own use in electricity, CHP and heat plants	8015	8055	7941	8943	7868	1088
Net production	330361	337094	345725	334857	335445	338031
Imports	461	343	3	2	3	*464
Exports	512	1062	38	36	33	*832
Losses	25545	26186	32423	33105	31055	*35779
Consumption	285539	284405	320617	299192	288712	289331
Energy industries own use	12327	13459	35908	13402	13043	*11387
By industry and construction	41429	40128	41132	44802	*43581	*46493
By transport	..	..	..	..	..	..
By households and other cons.	231783	230818	243577	240988	232088	231451
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	69179	74726	83508	*77028	76485	*79779
Combustible fuels	69155	74702	83471	*76941	76373	*79667
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	24	24	37	87	112	112
Main activity	58200	62602	65882	*57793	42885	*46179
Combustible fuels	58176	62578	65845	*57706	42773	*46067
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	24	24	37	87	112	112
Combustible fuel input	Terajoules					
Crude oil	983602	*937537	*1029066	*749091	*830929	*853403
Gas-diesel oil	539779	474419	462938	*440879	*132016	*193500
Fuel oil	287608	315241	186365	175296	*611346	*658641
Natural gas	2194514	2322614	2435112	2338003	*2360160	*2421514
Total input	4005503	4049811	4113481	3703268	*3934451	*4127058
Total production	1217988	1242371	1272946	1236892	1232921	1217819
Estimated efficiency (% of production to input)	30	31	31	33	31	30

Statistics on electricity
Senegal

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3818	4097	4418	4502	*4453	5804
Combustible fuels	3779	4044	4270	4333	*4081	5159
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	39	53	148	169	*372	*645
Main activity	3105	3239	3449	3368	*3427	4999
Combustible fuels	3105	3239	3449	3368	*3212	4528
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	*214	*472
Own use in electricity, CHP and heat plants	54	54	54	55	52	59
Net production	3764	4043	4364	4447	*4401	5745
Imports	333	360	360	360	324	356
Exports	..	..	..	..	..	..
Losses	631	670	672	672	764	762
Consumption	3466	3734	3472	3998	*3960	4585
Energy industries own use	..	..	..	..	..	..
By industry and construction	951	1073	446	1075	1719	1982
By transport	..	..	..	..	..	..
By households and other cons.	2515	2661	3026	2923	*2242	2603
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	886	*893	1016	1174	1432	*1546
Combustible fuels	834	*840	884	1001	1141	*1141
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*52	*53	132	173	*291	*405
Main activity	508	*510	554	671	971	*1083
Combustible fuels	508	*510	554	671	811	*811
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	*160	272
Combustible fuel input	Terajoules					
Hard Coal	..	..	4665	6764	8300	1721
Gas-diesel oil	4945	2365	5805	8342	5531	1595
Fuel oil	26179	28684	28159	32118	28826	37747
Natural gas	946	878	736	461	559	553
Bagasse	*1828	*2544	*2127	*3062	3253	3102
Total input	33898	34471	41492	50747	46469	44719
Total production	13604	14558	15372	15599	*14692	18571
Estimated efficiency (% of production to input)	40	42	37	31	32	42

Statistics on electricity

Serbia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	38298	39342	37045	37426	37600	37956
Combustible fuels	27504	27784	27232	25869	26490	27219
Hydro	10783	11520	9752	11393	10198	9749
Nuclear	..	..	..	..	..	..
Other	11	38	62	163	912	989
Main activity	37980	38889	36519	36883	37130	37483
Combustible fuels	27186	27331	26705	25326	26020	26745
Hydro	10783	11520	9752	11393	10198	9749
Nuclear	..	..	..	..	..	..
Other	11	38	62	163	912	989
Own use in electricity, CHP and heat plants	2659	2714	2747	2642	3035	2683
Net production	35639	36628	34299	34783	34565	35274
Imports	6303	5068	6549	6400	5417	5070
Exports	7221	6990	5724	6284	5341	5675
Losses	5169	4808	4806	4532	4332	4385
Consumption	29552	29898	30317	30368	30308	30284
Energy industries own use	2363	2296	2193	2319	2314	2403
By industry and construction	7539	8001	8402	8735	8783	8617
By transport	351	352	375	375	375	358
By households and other cons.	19299	19249	19347	18939	18836	18905
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	7358	7410	7410	7632	7868	7884
Combustible fuels	4327	4352	4337	4351	4385	4392
Hydro	3022	3030	3038	3043	3074	3082
Nuclear	..	..	..	..	..	..
Other	9	28	35	238	409	410
Main activity	7281	7281	7296	7514	7727	7739
Combustible fuels	4250	4223	4223	4233	4244	4248
Hydro	3022	3030	3038	3043	3074	3082
Nuclear	..	..	..	..	..	..
Other	9	28	35	238	409	410
Combustible fuel input	Terajoules					
Hard Coal	0	0	0	1	3	44
Brown Coal	291520	289300	286828	268848	269485	290140
Lignite briquettes	705	726	717	650	609	497
Biogas	140	210	398	631	758	923
Fuel oil	2020	2666	2786	3004	1248	712
Other oil products	..	80	74	18	51	71
Natural gas	4997	5331	7478	8113	10164	8824
Blast furnace gas	3071	3929	4249	4760	4637	3209
Fuelwood	100	90	0	0	221	395
Vegetal waste	..	..	81	105	99	93
Others	15	23	20	22	27	26
Total input	302568	302355	302632	286150	287301	304934
Total production	99014	100022	98034	93129	95364	97988
Estimated efficiency (% of production to input)	33	33	32	33	33	32

Statistics on electricity

Seychelles

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	462	496	513	518	540	535
Combustible fuels	454	487	503	507	531	523
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	9	10	11	9	12
Main activity	378	410	424	428	448	442
Combustible fuels	369	401	414	417	439	430
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	8	9	10	11	9	12
Own use in electricity, CHP and heat plants	*12	*12	*12	12	*13	*13
Net production	450	484	501	506	527	522
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*33	43	40	42	48	40
Consumption	417	*441	*461	*464	*479	*482
Energy industries own use	..	..	..	..	..	..
By industry and construction	*131	*130	*135	*140	*130	*136
By transport	..	..	..	..	..	..
By households and other cons.	286	*311	*326	*324	*349	*346
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	117	*137	154	*156	*157	143
Combustible fuels	110	*129	146	*146	*147	133
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	7	8	9	10	10	10
Main activity	89	*108	125	*126	*128	114
Combustible fuels	82	*100	116	*116	*118	104
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	7	8	9	10	10	10
Combustible fuel input	Terajoules					
Gas-diesel oil	*920	*942	*972	*980	*1023	*1028
Fuel oil	3341	3600	3697	3758	3953	3878
Total input	4261	4541	4668	4738	4977	4905
Total production	1634	1753	1812	1825	1912	1883
Estimated efficiency (% of production to input)	38	39	39	39	38	38

Statistics on electricity
Sierra Leone

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*199	299	319	320	260	253
Combustible fuels	*44	80	89	91	17	11
Hydro	*155	218	224	223	237	236
Nuclear	..	..	..	..	..	..
Other	1	1	6	6	6	*6
Main activity	*195	295	315	316	256	249
Combustible fuels	*40	76	85	87	13	7
Hydro	*155	218	224	223	237	236
Nuclear	..	..	..	..	..	..
Other	1	1	6	6	6	*6
Own use in electricity, CHP and heat plants	*1	1	3	3	3	*4
Net production	*198	298	316	317	257	249
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*68	*88	*90	*86	*77	*75
Consumption	*130	*210	*226	*231	*180	*174
Energy industries own use	..	..	..	..	..	..
By industry and construction	32	*78	*84	*88	*75	*74
By transport	..	..	..	..	..	..
By households and other cons.	*98	*132	*142	*143	*105	*100
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	135	140	*143	*142	143	99
Combustible fuels	79	79	*79	*77	78	*34
Hydro	56	60	60	61	61	61
Nuclear	..	..	..	..	..	..
Other	0	1	4	4	4	4
Main activity	133	138	*141	*140	141	97
Combustible fuels	77	77	*77	*75	76	*32
Hydro	56	60	60	61	61	61
Nuclear	..	..	..	..	..	..
Other	0	1	4	4	4	4
Combustible fuel input	Terajoules					
Gas-diesel oil	*430	*860	*903	*946	*155	*86
Bagasse	*19	*20	*20	*19	*19	*19
Vegetal waste	*72	*72	*72	*72	*72	*72
Total input	*521	*952	*995	*1037	*246	*177
Total production	*158	288	321	327	62	39
Estimated efficiency (% of production to input)	30	30	32	32	25	22

Statistics on electricity
Singapore

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	50341	51733	52401	53142	54552	53702
Combustible fuels	50272	51587	52226	52905	54142	53080
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	69	146	175	237	410	622
Main activity	47100	48212	48410	48409	50055	49041
Combustible fuels	47031	48066	48235	48172	49645	48419
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	69	146	175	237	410	622
Own use in electricity, CHP and heat plants	70	146	175	234	410	622
Net production	50271	51587	52225	52908	54142	53080
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2428	2431	2416	2303	2286	2285
Consumption	47514	48623	49638	50438	51713	50761
Energy industries own use	..	..	..	..	..	..
By industry and construction	20088	20418	21241	21417	21445	20957
By transport	2445	2639	2768	2950	3021	2810
By households and other cons.	24981	25565	25629	26072	27248	26993
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	13059	13445	13612	13614	12563	12021
Combustible fuels	13013	13348	13500	13500	12292	11692
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	46	97	112	115	271	329
Main activity	12641	13027	13043	13046	12011	11469
Combustible fuels	12595	12931	12931	12931	11740	11140
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	46	97	112	115	271	329
Combustible fuel input	Terajoules					
Hard Coal	10178	10853	12464	12347	11598	10484
Gas-diesel oil	43	1380	43	24	21	..
Fuel oil	1939	2424	4537	3543	2270	2424
Refinery gas	7821	3119	2822	2134	1303	1485
Natural gas	341574	350194	352198	355698	364197	360002
Bagasse	2654	2902	2851	3224	3115	2948
Municipal waste	25750	27436	26741	24811	25133	23346
Total input	389959	398307	401656	401780	407638	400688
Total production	180977	185712	188012	190458	194911	191088
Estimated efficiency (% of production to input)	46	47	47	47	48	48

Statistics on electricity

Sint Maarten (Dutch part)

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*360	*362	*300	*291	*296	265
Combustible fuels	*360	*362	*300	*291	*296	265
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*360	*362	*300	*291	*296	265
Combustible fuels	*360	*362	*300	*291	*296	265
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	*360	*362	*300	*291	*296	265
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*11	*12	*10	*9	*9	*8
Consumption	336	342	*282	*270	*274	*257
Energy industries own use	..	..	..	..	..	..
By industry and construction	58	60	*49	*45	*42	*40
By transport	..	..	..	..	..	..
By households and other cons.	278	283	*233	*225	*232	*217
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	97	97	*88	*92	*96	99
Combustible fuels	97	97	*88	*92	*96	99
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	97	97	*88	*92	*96	99
Combustible fuels	97	97	*88	*92	*96	99
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	*3192	*3232	*2707	*2626	*2666	*2384
Total input	*3192	*3232	*2707	*2626	*2666	*2384
Total production	*1296	*1303	*1080	*1049	*1065	952
Estimated efficiency (% of production to input)	41	40	40	40	40	40

Statistics on electricity

Slovakia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	26903	27064	27738	26971	28434	28838
Combustible fuels	7008	7015	7367	7542	7953	7897
Hydro	4137	4606	4623	3879	4571	4799
Nuclear	15146	14774	15081	14843	15282	15444
Other	612	669	667	707	628	698
Main activity	23835	23980	24646	23456	25345	25772
Combustible fuels	4489	4542	4862	4650	5397	5435
Hydro	4052	4508	4523	3768	4451	4671
Nuclear	15146	14774	15081	14843	15282	15444
Other	148	156	180	195	215	222
Own use in electricity, CHP and heat plants	2145	2067	2046	2108	2068	2465
Net production	24758	24997	25692	24863	26366	26373
Imports	14999	13249	15563	12428	13538	13289
Exports	12611	10598	12535	8746	11838	12970
Losses	1363	1332	1263	1235	1699	1589
Consumption	25768	26300	27434	27276	26332	25082
Energy industries own use	1397	1313	1631	1341	1140	1269
By industry and construction	11605	12085	12356	12794	12246	10501
By transport	602	607	586	588	530	505
By households and other cons.	12164	12295	12861	12553	12416	12807
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	7782	7742	7671	7625	7724	7707
Combustible fuels	2754	2710	2645	2651	2639	2652
Hydro	2522	2524	2523	2528	2527	2529
Nuclear	1940	1940	1940	1940	1940	1971
Other	566	568	563	506	618	555
Main activity	6658	6643	6595	6518	6523	6557
Combustible fuels	2119	2106	2012	1882	1873	1901
Hydro	2495	2493	2493	2496	2494	2496
Nuclear	1940	1940	1940	1940	1940	1971
Other	104	104	150	200	216	189
Combustible fuel input	Terajoules					
Hard Coal	14279	14739	17425	18353	11405	7219
Brown Coal	28042	31222	24380	22139	20421	18566
Biogas	4574	4991	5040	4977	4988	4340
Fuel oil	8201	9534	8646	2990	2949	2424
Natural gas	19379	18955	20306	21164	30255	35838
Blast furnace gas	1438	1328	1742	1882	1055	938
Fuelwood	*7284	*9237	*8936	*9202	*8122	*9202
Vegetal waste	*2872	*802	*797	*977	*904	*900
Municipal waste	1090	1236	1217	932	1198	1510
Black liquor	*5549	*5645	*5831	*5310	*4915	*5110
Others	2628	2066	2861	2091	1500	1462
Total input	95336	99755	97181	90017	87712	87508
Total production	25229	25254	26521	27151	28631	28429
Estimated efficiency (% of production to input)	26	25	27	30	33	32

Statistics on electricity

Slovenia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	15100	16500	16326	16327	16100	17191
Combustible fuels	5081	5730	5610	5397	5287	5239
Hydro	4091	4782	4141	4893	4683	5225
Nuclear	5648	5715	6285	5776	5821	6353
Other	280	273	290	261	309	374
Main activity	14412	15746	15595	15603	15331	16340
Combustible fuels	4813	5463	5344	5142	5026	4966
Hydro	3937	4555	3952	4672	4470	5007
Nuclear	5648	5715	6285	5776	5821	6353
Other	14	13	14	13	14	15
Own use in electricity, CHP and heat plants	913	954	929	885	875	901
Net production	14187	15546	15397	15442	15224	16290
Imports	9045	8359	9133	8930	9021	7120
Exports	9093	9535	9648	9432	9340	9123
Losses	864	876	893	880	858	849
Consumption	13275	13493	13988	14060	14047	13438
Energy industries own use	487	468	458	348	368	487
By industry and construction	6199	6234	6446	6499	6492	5973
By transport	152	166	233	233	231	210
By households and other cons.	6437	6625	6851	6980	6957	6768
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3358	3534	3617	3796	3832	3929
Combustible fuels	1133	1318	1332	1514	1512	1516
Hydro	1295	1293	1347	1344	1351	1352
Nuclear	688	688	688	688	688	688
Other	242	235	250	250	281	373
Main activity	2963	3146	3215	3393	3397	3400
Combustible fuels	1086	1272	1286	1467	1468	1471
Hydro	1179	1177	1231	1228	1230	1230
Nuclear	688	688	688	688	688	688
Other	10	9	10	10	11	11
Combustible fuel input	Terajoules					
Hard Coal	135	136	120	128	123	123
Brown Coal	42634	40630	45723	45515	42919	41651
Biogas	1163	1196	1024	957	875	1002
Gas-diesel oil	172	86	112	132	51	69
Fuel oil	0	..	..	..	..	..
Liquefied petroleum gas	..	..	49	63	63	42
Natural gas	3588	3638	4299	4300	4922	5441
Fuelwood	*1761	*1744	*1995	*1873	*2203	*2217
Industrial waste	330	357	375	409	364	410
Biodiesel	37	37	44	58	48	66
Total input	49819	47824	53742	53434	51567	51021
Total production	18292	20628	20198	19427	19032	18859
Estimated efficiency (% of production to input)	37	43	38	36	37	37

Statistics on electricity
Solomon Islands

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	92	100	103	104	107	107
Combustible fuels	90	97	99	100	103	102
Hydro	0	1	1	1	1	*1
Nuclear	..	..	..	..	..	..
Other	2	2	3	3	3	*3
Main activity	88	96	99	101	104	103
Combustible fuels	86	93	95	97	99	99
Hydro	0	1	1	1	1	*1
Nuclear	..	..	..	..	..	..
Other	2	2	3	3	3	*3
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	92	100	103	104	107	107
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*9	*10	*13	*16	*18	*18
Consumption	*83	*90	90	88	88	*88
Energy industries own use	..	..	..	..	..	..
By industry and construction	*33	*35	*37	*39	*41	*40
By transport	..	..	..	..	..	..
By households and other cons.	*50	*54	53	49	48	*48
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*33	*34	*35	*35	*35	35
Combustible fuels	*32	*32	*32	*32	*32	32
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	1	2	3	3	3	3
Main activity	*32	*33	*34	*34	*34	34
Combustible fuels	*31	*31	*31	*31	*31	31
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	1	2	3	3	3	3
Combustible fuel input	Terajoules					
Gas-diesel oil	*1075	*1011	*998	*1015	*1027	*1026
Vegetal waste	*55	*55	*48	*35	*42	*37
Total input	*1130	*1066	*1046	*1050	*1069	*1063
Total production	323	348	356	360	370	368
Estimated efficiency (% of production to input)	29	33	34	34	35	35

Statistics on electricity

Somalia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	355	362	367	367	367	370
Combustible fuels	350	350	350	350	350	340
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	12	17	17	17	30
Main activity	355	362	367	367	367	370
Combustible fuels	350	350	350	350	350	340
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	12	17	17	17	30
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	355	362	367	367	367	370
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*37	*43	*47	*17	*16	*15
Consumption	*318	*319	*320	350	*351	*355
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*318	*319	*320	350	*351	*355
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	83	87	90	91	91	99
Combustible fuels	80	80	80	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	7	10	11	11	19
Main activity	83	87	90	91	91	99
Combustible fuels	80	80	80	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	7	10	11	11	19
Combustible fuel input	Terajoules					
Gas-diesel oil	*4214	*4300	*4300	*4300	*4300	*4171
Total input	*4214	*4300	*4300	*4300	*4300	*4171
Total production	1260	1260	1260	1260	1260	1224
Estimated efficiency (% of production to input)	30	29	29	29	29	29

Statistics on electricity
South Africa

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	249655	255112	257769	256064	252639	239520
Combustible fuels	228825	228523	227635	228082	222163	212410
Hydro	3720	3947	5323	5694	5791	6239
Nuclear	12237	15913	15743	11580	13252	9903
Other	4873	6729	9068	10708	11433	10968
Main activity	233391	221756	237648	232803	228480	215192
Combustible fuels	217282	201654	216379	214919	208778	198478
Hydro	3607	3856	5183	5619	5748	6182
Nuclear	12237	15913	15743	11580	13252	9903
Other	265	333	343	685	702	629
Own use in electricity, CHP and heat plants	13938	18308	18601	13853	13438	13006
Net production	235717	236804	239168	242211	239201	226514
Imports	10328	9113	7321	8320	7823	9829
Exports	11343	16140	14423	14458	14482	13647
Losses	19895	16293	21086	22737	22904	25892
Consumption	210031	224196	222422	226730	209748	208295
Energy industries own use	16169	20457	19750	21307	22611	19149
By industry and construction	116575	108405	107106	108341	106661	98659
By transport	3463	3097	3329	3120	2884	2380
By households and other cons.	73824	92237	92237	93962	77592	88106
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*48168	*51889	*55432	*56205	*58683	*58882
Combustible fuels	*40581	*42581	*45497	*45497	*48380	*48380
Hydro	*2147	*3146	3479	3479	*3479	*3485
Nuclear	*1860	1860	1940	1940	1940	1940
Other	*3580	*4302	*4516	5289	4884	5077
Main activity	*42448	*43256	*48555	*48555	*51438	*51444
Combustible fuels	*38381	*38190	*43097	*43097	*45980	*45980
Hydro	*2107	*3106	3418	3418	*3418	*3424
Nuclear	*1860	1860	1940	1940	1940	1940
Other	*100	*100	100	*100	*100	*100
Combustible fuel input	Terajoules					
Hard Coal	2909903	2944013	2916848	2812029	2835362	2654246
Gas-diesel oil	1892	47541	381	1892	1844	1737
Fuel oil	..	..	..	..	2011	1778
Bagasse	4291	4291	4591	4736	4768	4604
Total input	2916086	2995845	2921820	2818657	2843985	2662365
Total production	823770	822683	819486	821095	799788	764677
Estimated efficiency (% of production to input)	28	27	28	29	28	29

Statistics on electricity
South Sudan

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	578	521	542	548	557	558
Combustible fuels	576	519	539	538	546	547
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	3	10	11	11
Main activity	246	221	503	500	508	508
Combustible fuels	245	220	502	495	503	503
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	5	5	5
Own use in electricity, CHP and heat plants	18	16	15	15	15	15
Net production	560	505	527	533	542	543
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	27	24	24	22	22	22
Consumption	529	477	498	517	521	507
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	197	200	201	188
By transport	..	..	..	..	..	..
By households and other cons.	529	477	301	317	320	319
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*84	*84	*131	*131	*131	*131
Combustible fuels	*80	*80	*120	*120	*120	*120
Hydro	3	*3	*3	*3	*3	*3
Nuclear	..	..	..	..	..	..
Other	*1	*1	*8	*8	*8	*8
Main activity	*43	*43	*90	*90	*90	*90
Combustible fuels	*40	*40	*80	*80	*80	*80
Hydro	3	*3	*3	*3	*3	*3
Nuclear	..	..	..	..	..	..
Other	0	0	*7	*7	*7	*7
Combustible fuel input	Terajoules					
Motor gasoline	177	133	75	137	82	142
Gas-diesel oil	7826	5934	5547	6063	6152	6161
Total input	8003	6067	5622	6200	6234	6303
Total production	2074	1868	1941	1938	1966	1970
Estimated efficiency (% of production to input)	26	31	35	31	32	31

Statistics on electricity

Spain

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	280911	274772	275726	274452	273257	263373
Combustible fuels	128947	113618	133002	118149	117125	93778
Hydro	31368	39865	21070	36803	26874	33998
Nuclear	57196	58633	58039	55766	58349	58299
Other	63400	62656	63615	63734	70909	77298
Main activity	247365	240665	239591	236865	234941	227707
Combustible fuels	96474	80530	97587	81760	80066	59588
Hydro	30620	39062	20593	35894	25977	33026
Nuclear	57196	58633	58039	55766	58349	58299
Other	63075	62440	63372	63445	70549	76794
Own use in electricity, CHP and heat plants	11160	10428	10808	10625	9461	8782
Net production	269751	264344	264918	263827	263796	254591
Imports	14956	21845	23762	24018	18721	17928
Exports	15089	14178	14593	12916	11859	14649
Losses	26509	26720	23823	25596	24790	25631
Consumption	243065	244640	250149	248968	245190	231792
Energy industries own use	11027	12125	11048	10503	10661	12137
By industry and construction	76055	77899	81019	78659	75925	68885
By transport	3978	3902	3987	4046	3937	3335
By households and other cons.	152005	150714	154095	155760	154667	147435
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	106758	105945	103863	103740	109670	108421
Combustible fuels	49296	48400	46456	46011	45647	41719
Hydro	20053	20080	20079	20080	20114	20117
Nuclear	7399	7399	7117	7117	7117	7117
Other	30010	30066	30210	30532	36792	39468
Main activity	100200	99356	97254	97169	103187	101845
Combustible fuels	43169	42243	40299	39913	39668	35766
Hydro	19686	19711	19710	19711	19745	19748
Nuclear	7399	7399	7117	7117	7117	7117
Other	29946	30003	30127	30428	36657	39215
Combustible fuel input	Terajoules					
Hard Coal	481734	362042	443931	385792	132568	63826
Biogas	8450	8094	8417	8490	8276	8117
Gas-diesel oil	35432	32078	36077	37367	39130	36335
Fuel oil	69326	75467	76073	70862	64155	47995
Refinery gas	7277	4505	5792	6138	5297	5495
Natural gas	384257	376162	461908	417687	593612	496060
Blast furnace gas	11345	8924	10863	10685	9099	5412
Fuelwood	*37314	*35748	*38421	*36108	*34817	*40699
Vegetal waste	*12587	*12460	*13421	*12665	*12284	*14172
Municipal waste	20900	19226	21160	20926	21010	19378
Others	69680	52180	46894	34554	17264	9544
Total input	1138302	986886	1162957	1041274	937512	747033
Total production	464209	409025	478807	425336	421650	337601
Estimated efficiency (% of production to input)	41	41	41	41	45	45

Statistics on electricity
Sri Lanka

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	13227	14363	15004	15985	16630	15801
Combustible fuels	6854	9721	10381	9072	11102	10260
Hydro	5969	4221	4039	6401	4812	4976
Nuclear	..	..	..	..	..	..
Other	404	422	583	513	716	565
Main activity	12046	13461	13821	14577	15396	14532
Combustible fuels	6796	9630	10296	8985	10984	10142
Hydro	4904	3482	3075	5169	3801	3929
Nuclear	..	..	..	..	..	..
Other	345	349	450	423	611	460
Own use in electricity, CHP and heat plants	561	633	336	612	539	757
Net production	12666	13730	14668	15374	16091	15044
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	925	997	1179	1407	1337	1496
Consumption	11741	12715	13489	14119	14738	14450
Energy industries own use	..	..	..	..	..	..
By industry and construction	3880	4149	4372	4598	4693	4452
By transport	..	..	..	..	..	..
By households and other cons.	7861	8566	9117	9521	10045	9998
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3948	4010	4094	4097	*4267	4457
Combustible fuels	2108	2088	2144	2069	*2182	*2182
Hydro	1684	1722	1720	1793	1809	1793
Nuclear	..	..	..	..	..	..
Other	156	200	230	236	*276	482
Main activity	3593	3598	3658	3615	*3733	*3917
Combustible fuels	2088	2064	2115	2037	*2148	*2148
Hydro	1377	1384	1364	1399	1399	1383
Nuclear	..	..	..	..	..	..
Other	128	150	179	179	186	386
Combustible fuel input	Terajoules					
Hard Coal	55099	58733	61151	58880	64737	68855
Gas-diesel oil	4240	16761	17535	7136	14542	8114
Fuel oil	12391	13227	19974	17130	25775	25775
Naphtha	6437	8010	9060	3071	5543	0
Bagasse	726	911	848	*1113	1488	*1467
Total input	78893	97643	108568	87328	112085	104211
Total production	24673	34995	37373	32660	39966	36935
Estimated efficiency (% of production to input)	31	36	34	37	36	35

Statistics on electricity

St. Helena and Depend.

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	11	12	11	12	12	11
Combustible fuels	8	8	9	8	9	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	3	4	3	3
Main activity	11	12	11	12	12	11
Combustible fuels	8	8	9	8	9	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	3	4	3	3
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	11	12	11	12	12	11
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*2	*2	*2	*1	*2	*2
Consumption	9	9	9	11	10	10
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	9	9	9	11	10	10
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	10	11	11	12	12	12
Combustible fuels	8	8	8	8	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*3	3	*3	4	*4	*4
Main activity	10	11	11	12	12	12
Combustible fuels	8	8	8	8	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*3	3	*3	4	*4	*4
Combustible fuel input	Terajoules					
Gas-diesel oil	72	67	*77	*69	*83	*81
Total input	72	67	*77	*69	*83	*81
Total production	29	30	31	28	33	30
Estimated efficiency (% of production to input)	41	45	40	41	39	37

Statistics on electricity
St. Kitts-Nevis

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*217	*228	229	*230	*232	*219
Combustible fuels	*207	*217	221	*221	*224	*210
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	10	11	8	9	9	9
Main activity	*216	*227	228	*229	*231	*218
Combustible fuels	*206	*216	220	*220	*223	*209
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	10	11	8	9	9	9
Own use in electricity, CHP and heat plants	*2	*2	2	*3	*3	*2
Net production	*215	*225	227	*227	*230	*217
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*31	*36	*45	*40	*40	*40
Consumption	*184	*189	*181	*187	*189	*177
Energy industries own use	..	..	..	..	..	..
By industry and construction	*37	*38	*36	*37	*37	*35
By transport	..	..	..	..	..	..
By households and other cons.	*147	*152	*145	*150	*152	*142
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	64	65	65	71	*71	*71
Combustible fuels	60	60	60	67	*67	*67
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	4	4	4	4	4
Main activity	60	61	61	67	*67	*67
Combustible fuels	56	56	56	63	*63	*63
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	4	4	4	4	4
Combustible fuel input	Terajoules					
Gas-diesel oil	*2051	*2107	*2077	*2090	*2090	*1957
Total input	*2051	*2107	*2077	*2090	*2090	*1957
Total production	*746	*781	796	*796	*806	*757
Estimated efficiency (% of production to input)	36	37	38	38	39	39

Statistics on electricity

St. Lucia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	381	391	400	404	415	378
Combustible fuels	381	391	400	399	408	372
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	5	7	7
Main activity	381	391	400	404	415	378
Combustible fuels	381	391	400	399	408	372
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	5	7	7
Own use in electricity, CHP and heat plants	14	14	13	17	19	13
Net production	368	378	387	387	396	365
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	30	29	27	25	27	29
Consumption	338	348	360	362	369	336
Energy industries own use	..	..	..	..	..	..
By industry and construction	18	19	18	17	18	18
By transport	..	..	..	..	..	..
By households and other cons.	320	330	341	344	351	319
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	88	88	88	91	91	91
Combustible fuels	88	88	88	88	88	88
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	3	3	3
Main activity	88	88	88	91	91	91
Combustible fuels	88	88	88	88	88	88
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	3	3	3
Combustible fuel input	Terajoules					
Gas-diesel oil	3422	3513	3593	3593	3504	3157
Total input	3422	3513	3593	3593	3504	3157
Total production	1373	1409	1441	1437	1469	1338
Estimated efficiency (% of production to input)	40	40	40	40	42	42

Statistics on electricity

St. Pierre-Miquelon

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	49	48	49	51	52	51
Combustible fuels	49	48	49	51	52	51
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	..	..	..	..
Main activity	49	48	49	51	52	51
Combustible fuels	49	48	49	51	52	51
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	49	48	49	51	52	51
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	4	4	3	3	3	3
Consumption	44	45	46	47	49	49
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	44	45	46	47	49	49
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	25	25	25	26	26	26
Combustible fuels	25	25	25	26	26	26
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	25	25	25	26	26	26
Combustible fuels	25	25	25	26	26	26
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*500	*500	*499	*507	*525	*516
Total input	*500	*500	*499	*507	*525	*516
Total production	175	174	175	183	188	184
Estimated efficiency (% of production to input)	35	35	35	36	36	36

Statistics on electricity

St. Vincent-Grenadines

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	147	153	151	151	154	154
Combustible fuels	129	136	129	125	130	129
Hydro	17	16	20	24	22	22
Nuclear	..	..	..	..	..	..
Other	1	1	1	2	3	3
Main activity	146	153	150	150	153	152
Combustible fuels	129	136	129	125	130	129
Hydro	17	16	20	24	22	22
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	2	1
Own use in electricity, CHP and heat plants	5	5	5	5	5	5
Net production	142	149	146	146	149	149
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*9	*11	*10	*11	*11	*10
Consumption	133	138	136	135	138	139
Energy industries own use	..	..	..	..	..	..
By industry and construction	7	7	7	7	7	7
By transport	..	..	..	..	..	..
By households and other cons.	125	131	129	128	131	132
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	53	53	48	46	48	54
Combustible fuels	46	46	41	38	40	44
Hydro	6	6	6	6	6	6
Nuclear	..	..	..	..	..	..
Other	1	1	1	2	2	4
Main activity	53	53	48	45	48	52
Combustible fuels	46	46	41	38	40	44
Hydro	6	6	6	6	6	6
Nuclear	..	..	..	..	..	..
Other	1	1	1	2	2	2
Combustible fuel input	Terajoules					
Gas-diesel oil	1228	1306	1227	1190	*1299	*1349
Total input	1228	1306	1227	1190	*1299	*1349
Total production	463	490	464	450	467	465
Estimated efficiency (% of production to input)	38	38	38	38	36	34

Statistics on electricity

State of Palestine

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	515	537	546	420	811	840
Combustible fuels	506	495	501	360	691	662
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	9	43	45	60	120	178
Main activity	360	360	392	284	651	677
Combustible fuels	355	339	369	254	591	588
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	21	23	30	60	89
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	515	537	546	420	811	840
Imports	5413	5473	5577	5916	6249	6519
Exports	..	..	..	..	..	..
Losses	711	721	735	760	847	883
Consumption	5216	5289	5388	5576	6213	6476
Energy industries own use	..	..	..	..	..	..
By industry and construction	576	584	648	715	686	544
By transport	..	..	..	..	..	..
By households and other cons.	4640	4705	4740	4861	5528	5932
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	172	185	190	200	240	278
Combustible fuels	160	160	160	160	160	160
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	12	25	30	40	80	118
Main activity	146	153	155	160	180	199
Combustible fuels	140	140	140	140	140	140
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	13	15	20	40	59
Combustible fuel input	Terajoules					
Motor gasoline	443	403	279	235	222	106
Gas-diesel oil	3939	4094	4670	3040	6050	5796
Total input	4382	4497	4949	3275	6272	5903
Total production	1820	1780	1803	1297	2489	2382
Estimated efficiency (% of production to input)	42	40	36	40	40	40

Statistics on electricity

Sudan

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	13171	14567	15692	16398	16814	*16758
Combustible fuels	4738	6498	6325	6721	6583	*6686
Hydro	8420	8051	9347	9657	10210	*10051
Nuclear	..	..	..	..	..	..
Other	13	18	20	21	21	*21
Main activity	13060	14447	15562	16277	16705	*16651
Combustible fuels	4627	6378	6195	6599	6474	*6579
Hydro	8420	8051	9347	9657	10210	*10051
Nuclear	..	..	..	..	..	..
Other	13	18	20	21	21	*21
Own use in electricity, CHP and heat plants	138	191	274	478	200	*305
Net production	13033	14376	15418	15920	16614	*16453
Imports	129	439	891	808	*207	727
Exports	5	6	..	..	..	..
Losses	2870	3030	3140	3028	*3594	*3580
Consumption	10580	11799	12961	13700	*14038	*13711
Energy industries own use	..	..	..	..	..	..
By industry and construction	1512	1794	2003	1795	*1517	*1494
By transport	..	..	..	..	..	..
By households and other cons.	9068	10005	10958	11905	*12521	*12217
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3321	3563	3802	3979	3937	3944
Combustible fuels	1717	1944	2013	2013	*1944	*1944
Hydro	1593	1593	1753	1907	1913	1883
Nuclear	..	..	..	..	..	..
Other	11	26	36	59	80	117
Main activity	3131	3364	3603	3780	3738	3745
Combustible fuels	1527	1745	1814	1814	*1745	*1745
Hydro	1593	1593	1753	1907	1913	1883
Nuclear	..	..	..	..	..	..
Other	11	26	36	59	80	117
Combustible fuel input	Terajoules					
Crude oil	*23265	*31725	*31725	31725	*31725	*31725
Gas-diesel oil	*30272	*31863	*39345	*39345	*39345	*39345
Bagasse	*2000	*1977	*2100	*2131	*1961	*1931
Total input	*55537	*65565	*73170	*73201	*73031	*73001
Total production	17057	23393	22769	24194	23699	*24070
Estimated efficiency (% of production to input)	31	36	31	33	32	33

Statistics on electricity

Suriname

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2088	1819	1805	1792	1868	1727
Combustible fuels	1378	1027	871	782	906	1043
Hydro	702	783	926	1000	952	674
Nuclear	..	..	..	..	..	..
Other	9	9	9	10	10	*10
Main activity	766	595	453	352	397	481
Combustible fuels	757	586	444	342	387	471
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	9	9	9	10	10	*10
Own use in electricity, CHP and heat plants	75	269	265	258	247	223
Net production	2014	1550	1540	1534	1621	1504
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	242	185	193	187	192	150
Consumption	1886	1365	1347	1347	1430	1354
Energy industries own use	..	..	..	..	..	..
By industry and construction	693	276	280	268	299	445
By transport	..	..	..	..	..	..
By households and other cons.	1194	1089	1067	1079	1131	909
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	502	481	502	505	503	490
Combustible fuels	307	286	307	309	316	302
Hydro	189	189	189	189	180	180
Nuclear	..	..	..	..	..	..
Other	6	6	6	7	7	8
Main activity	190	196	217	220	227	214
Combustible fuels	184	190	211	213	220	206
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	6	6	7	7	8
Combustible fuel input	Terajoules					
Gas-diesel oil	753	674	690	676	1111	677
Fuel oil	13866	*10302	*8686	*7716	*8565	*10423
Natural gas	152	136	136	195	232	230
Total input	14771	*11112	*9512	*8587	*9908	*11330
Total production	4960	3696	3134	2815	3262	3756
Estimated efficiency (% of production to input)	34	33	33	33	33	33

Statistics on electricity

Sweden

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	162112	156010	164250	163400	168439	163833
Combustible fuels	13906	15150	15547	15571	16390	13618
Hydro	75439	62137	65168	62250	65393	72440
Nuclear	56348	63101	65696	68549	66130	49198
Other	16419	15622	17839	17030	20526	28577
Main activity	156285	150272	158035	157261	161475	157224
Combustible fuels	8090	9423	9344	9443	9431	7009
Hydro	75428	62126	65156	62239	65388	72440
Nuclear	56348	63101	65696	68549	66130	49198
Other	16419	15622	17839	17030	20526	28577
Own use in electricity, CHP and heat plants	3067	3479	3724	3723	2794	2919
Net production	159045	152531	160526	159677	165645	160914
Imports	9294	14287	11896	12202	9070	11827
Exports	31894	26022	30888	29425	35231	36824
Losses	6988	8569	9495	10537	10842	8634
Consumption	127983	130784	130495	130629	127404	125751
Energy industries own use	3124	3288	3241	3067	2846	2654
By industry and construction	50281	50289	50939	50719	49478	47479
By transport	2595	2664	2476	2573	2738	2757
By households and other cons.	71983	74543	73839	74270	72342	72861
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	40885	41511	39798	41223	42824	43672
Combustible fuels	8945	8689	7442	8408	8343	8406
Hydro	16329	16466	16502	16431	16462	16406
Nuclear	9688	9768	8999	8656	8624	7777
Other	5923	6588	6855	7728	9395	11083
Main activity	39683	40305	38513	39775	41413	42286
Combustible fuels	7751	7495	6175	6978	6950	7020
Hydro	16321	16454	16484	16413	16444	16406
Nuclear	9688	9768	8999	8656	8624	7777
Other	5923	6588	6855	7728	9395	11083
Combustible fuel input	Terajoules					
Peat	4441	4870	4626	7239	4827	2291
Gas-diesel oil	1376	1892	1075	1634	1720	1032
Fuel oil	1454	2707	1656	2060	889	687
Natural gas	8082	11451	4724	6769	4968	1484
Coke-oven gas	852	471	701	591	597	731
Blast furnace gas	5435	5608	6833	7167	6031	6322
Fuelwood	*124449	*135091	*143783	*142651	*153866	*134387
Municipal waste	58887	61789	65148	60846	64100	70350
Industrial waste	749	746	748	755	744	564
Other recovered gases	1542	1951	1992	1891	1351	1625
Others	8870	6532	7517	7790	5137	609
Total input	*216138	*233108	*238804	*239394	*244229	*220082
Total production	50062	54540	55969	56056	59004	49025
Estimated efficiency (% of production to input)	23	23	23	23	24	22

Statistics on electricity

Switzerland

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	67681	63163	63089	69109	73471	71638
Combustible fuels	3482	3886	3864	3727	3768	3847
Hydro	39881	36689	37033	37802	40962	41022
Nuclear	23089	21146	20376	25513	26418	24025
Other	1229	1442	1816	2067	2324	2744
Main activity	60626	55986	55592	61145	65258	63004
Combustible fuels	426	681	662	596	616	666
Hydro	37001	34050	34421	34915	38079	38168
Nuclear	23089	21146	20376	25513	26418	24025
Other	110	109	133	122	146	145
Own use in electricity, CHP and heat plants	1563	1469	1437	1659	1732	1633
Net production	66118	61694	61652	67450	71739	70005
Imports	34033	34096	36496	31020	29505	26988
Exports	35068	30173	30946	32607	35765	32548
Losses	4540	4456	4559	4228	4149	4272
Consumption	60535	61152	62631	61632	61330	60173
Energy industries own use	2296	2922	4160	3987	4133	4459
By industry and construction	17989	17761	17897	17311	17269	16686
By transport	3136	3200	3150	3089	3042	2800
By households and other cons.	37114	37269	37424	37245	36886	36228
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	19618	20839	21614	22063	22422	22941
Combustible fuels	1016	961	946	940	942	954
Hydro	13815	14806	15354	15542	15574	15594
Nuclear	3333	3333	3333	3333	3333	3333
Other	1454	1739	1981	2248	2573	3061
Main activity	16957	17736	18286	18456	18512	18430
Combustible fuels	260	217	257	257	259	268
Hydro	13304	14111	14621	14791	14845	14742
Nuclear	3333	3333	3333	3333	3333	3333
Other	60	75	75	75	75	87
Combustible fuel input	Terajoules					
Biogas	1979	2140	2235	2230	2376	2573
Gas-diesel oil	258	215	293	215	276	247
Fuel oil	..	..	2	..	..	2
Liquefied petroleum gas	47	47	25	17	17	10
Natural gas	4454	6576	5568	4927	5399	5067
Fuelwood	*4944	*5551	*6656	*6312	*7686	*8149
Municipal waste	42832	44554	45189	45500	45902	46077
Industrial waste	1147	834	1034	1189	1232	983
Total input	55661	59917	61001	60392	62888	63107
Total production	12535	13990	13912	13417	13565	13849
Estimated efficiency (% of production to input)	23	23	23	22	22	22

Statistics on electricity
Syrian Arab Republic

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	17982	18136	18288	18286	17648	16365
Combustible fuels	17569	17207	17534	17532	16894	15611
Hydro	413	929	754	754	754	754
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	17383	17556	17695	17538	17006	15779
Combustible fuels	16970	16627	16941	16784	16252	15025
Hydro	413	929	754	754	754	754
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2055	2073	2090	2090	2017	1871
Net production	15927	16063	16198	16196	15631	14495
Imports	..	..	..	..	..	..
Exports	262	67	543	543	347	317
Losses	3790	3865	3796	3795	3701	3433
Consumption	12947	13202	12965	12964	12641	11726
Energy industries own use	..	..	..	..	..	..
By industry and construction	4355	4441	4361	4361	4252	3944
By transport	..	..	..	..	..	..
By households and other cons.	8592	8761	8604	8603	8389	7781
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*9123	9687	*9691	10059	10060	*10060
Combustible fuels	*7550	8192	*8199	8567	8567	*8567
Hydro	1572	1494	1490	1490	1490	1490
Nuclear	..	..	..	..	..	..
Other	1	1	2	2	3	3
Main activity	*8028	8775	*8779	9087	9088	*9088
Combustible fuels	*6455	7280	*7287	7595	7595	*7595
Hydro	1572	1494	1490	1490	1490	1490
Nuclear	..	..	..	..	..	..
Other	1	1	2	2	3	3
Combustible fuel input	Terajoules					
Gas-diesel oil	10707	10363	10601	13372	11484	10482
Fuel oil	49288	63590	69407	69407	69407	69407
Natural gas	132663	115694	114151	113534	108907	95640
Total input	192658	189647	194160	196313	189797	175530
Total production	63248	61945	63123	63115	60819	56200
Estimated efficiency (% of production to input)	33	33	33	32	32	32

Statistics on electricity
Tajikistan

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	17162	17232	18144	19743	20957	20101
Combustible fuels	302	608	1011	1348	1788	1987
Hydro	16860	16624	17133	18395	19169	18114
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	17162	17232	18144	19743	20957	20101
Combustible fuels	302	608	1011	1348	1788	1987
Hydro	16860	16624	17133	18395	19169	18114
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	25	36	229	205	775	1008
Net production	17137	17196	17915	19538	20182	19093
Imports	63	103	110	559	281	311
Exports	1400	1427	1421	2945	3175	1870
Losses	2700	2746	*2873	*2968	2429	2549
Consumption	12511	12986	13842	13890	14167	14965
Energy industries own use	65	64	68	..	..	..
By industry and construction	4186	4758	4428	*3438	3464	2346
By transport	50	72	30	7	*8	*8
By households and other cons.	8210	8092	9316	10445	10695	12611
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	6283	6577	*6577	*6577	6451	6626
Combustible fuels	422	719	*719	*719	718	718
Hydro	5861	5858	*5858	*5858	5733	5908
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6283	6577	*6577	*6577	6451	6626
Combustible fuels	422	719	*719	*719	718	718
Hydro	5861	5858	*5858	*5858	5733	5908
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	3047	*4515	10268	15785	17280	19482
Natural gas	..	..	..	..	*4344	*4813
Total input	3047	*4515	10268	15785	21624	24295
Total production	1087	2189	3640	4853	6437	7153
Estimated efficiency (% of production to input)	36	48	35	31	30	29

Statistics on electricity
Thailand

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	177227	188265	181940	182288	190681	188870
Combustible fuels	170641	180891	171453	168326	175418	176452
Hydro	3878	3651	4833	7783	6446	4656
Nuclear	..	..	..	..	..	..
Other	2708	3723	5654	6179	8818	7761
Main activity	141436	136455	126251	118161	121749	188870
Combustible fuels	136947	132074	119793	108237	111059	176452
Hydro	3850	3632	4811	7745	6411	4656
Nuclear	..	..	..	..	..	..
Other	639	749	1648	2178	4279	7761
Own use in electricity, CHP and heat plants	3338	3300	3051	2824	2932	3268
Net production	173889	184965	178889	179464	187749	185602
Imports	14414	19825	24427	26669	25547	29551
Exports	2267	1436	1106	1093	2882	2611
Losses	11782	12225	11920	12904	13286	12973
Consumption	174053	184960	185369	188048	193176	196706
Energy industries own use	..	..	..	..	..	..
By industry and construction	83982	88878	87772	87829	86104	75218
By transport	108	113	245	216	215	218
By households and other cons.	89963	95969	97352	100003	106857	121270
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	40898	43147	44024	45179	45260	49550
Combustible fuels	33770	34721	35226	35426	35082	41959
Hydro	3469	3467	3467	*3682	*3682	3106
Nuclear	..	..	..	..	..	..
Other	*3659	*4958	*5330	*6071	*6495	4485
Main activity	24116	26183	27060	28215	28296	49550
Combustible fuels	19003	19772	20277	20477	20133	41959
Hydro	3454	3452	3452	*3667	*3667	3106
Nuclear	..	..	..	..	..	..
Other	*1659	*2958	*3330	*4071	*4495	4485
Combustible fuel input	Terajoules					
Hard Coal	216529	220617	206690	226974	213179	172091
Brown Coal	155355	174281	168344	150121	145137	138709
Biogas	8832	8282	10987	24932	27594	21855
Gas-diesel oil	2064	2537	1628	1480	1480	1092
Fuel oil	9373	5616	1890	608	987	1153
Natural gas	1075488	1053538	1022823	1008529	1051037	1023106
Bagasse	*129137	*155836	*150652	*209211	*223288	*180326
Vegetal waste	*99200	*209535	*182864	*146047	*159116	*10950
Municipal waste	5789	1225	1521	2831	4310	1249
Black liquor	*9947	*9291	*12581	*21121	*19843	*17229
Total input	1711714	1840758	1759981	1791853	1845971	1567761
Total production	614308	651208	617230	605974	631504	635228
Estimated efficiency (% of production to input)	36	35	35	34	34	41

Statistics on electricity
Timor-Leste

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	353	415	430	453	518	505
Combustible fuels	350	413	427	450	515	503
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	*1	1
Main activity	353	415	430	453	518	505
Combustible fuels	350	413	427	450	515	503
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	*1	1
Own use in electricity, CHP and heat plants	23	22	23	27	30	35
Net production	329	393	406	425	487	470
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*75	*80	*85	*90	*103	*100
Consumption	254	313	321	335	384	370
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	254	313	321	335	384	370
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	283	283	283	283	283	284
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	284
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	*2890	2387	3523	2861	4236	4054
Total input	*2890	2387	3523	2861	4236	4054
Total production	1261	1485	1538	1622	1855	1809
Estimated efficiency (% of production to input)	44	62	44	57	44	45

Statistics on electricity
Togo

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	444	950	804	588	718	699
Combustible fuels	383	742	595	389	476	547
Hydro	61	208	207	196	236	144
Nuclear	..	..	..	..	..	..
Other	..	..	3	3	6	8
Main activity	432	937	798	581	706	688
Combustible fuels	371	729	591	385	469	543
Hydro	61	208	207	196	236	144
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	0	1
Own use in electricity, CHP and heat plants	16	26	50	15	19	18
Net production	428	924	754	573	700	681
Imports	857	448	846	1076	837	815
Exports	..	..	104	192	118	..
Losses	184	188	171	197	98	95
Consumption	1138	1185	1322	1239	1328	1378
Energy industries own use	..	..	..	..	..	..
By industry and construction	387	413	630	604	628	642
By transport	..	..	..	..	..	..
By households and other cons.	751	772	692	635	701	737
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	227	213	227	227	230	*257
Combustible fuels	160	158	158	157	158	*185
Hydro	67	55	67	67	67	67
Nuclear	..	..	..	..	..	..
Other	..	..	3	4	5	5
Main activity	219	205	217	216	217	*244
Combustible fuels	152	150	150	149	150	*177
Hydro	67	55	67	67	67	67
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	559	129	258	172	168	86
Fuel oil	1397	5239	3621	1316	14	439
Natural gas	1467	262	1482	1767	3876	3921
Fuelwood	..	..	..	..	43	53
Vegetal waste	29	29	..	..	..	..
Total input	3452	5659	5361	3254	4102	4500
Total production	1380	2671	2141	1400	1713	1970
Estimated efficiency (% of production to input)	40	47	40	43	42	44

Statistics on electricity

Tonga

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	55	60	67	66	71	73
Combustible fuels	52	55	61	62	64	64
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	5	5	4	6	9
Main activity	55	60	67	66	71	73
Combustible fuels	52	55	61	62	64	64
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	5	5	4	6	9
Own use in electricity, CHP and heat plants	1	2	2	2	2	2
Net production	54	58	65	64	69	71
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	5	5	6	6	6	6
Consumption	*49	*53	*59	*58	*63	*65
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*49	*53	*59	*58	*63	*65
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*17	20	24	24	25	*25
Combustible fuels	*15	17	18	18	18	*18
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*2	2	6	6	7	8
Main activity	*17	20	24	24	25	*25
Combustible fuels	*15	17	18	18	18	*18
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*2	2	6	6	7	8
Combustible fuel input	Terajoules					
Fuel oil	487	*518	*542	*594	602	610
Total input	487	*518	*542	*594	602	610
Total production	188	199	221	221	231	230
Estimated efficiency (% of production to input)	39	38	41	37	38	38

Statistics on electricity
Trinidad and Tobago

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	9570	9419	9323	9225	9188	9225
Combustible fuels	9564	9413	9318	9220	9183	9220
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	6	6	5	5	5
Main activity	9485	9337	9241	9149	9112	9149
Combustible fuels	9479	9331	9236	9144	9108	9144
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	6	6	5	5	5
Own use in electricity, CHP and heat plants	348	343	339	336	335	336
Net production	9222	9076	8984	8889	8853	8889
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	248	253	275	426	424	423
Consumption	8974	8823	8709	8463	8429	8463
Energy industries own use	..	..	..	..	..	..
By industry and construction	5425	5334	5265	5116	5096	5116
By transport	..	..	..	..	..	..
By households and other cons.	3549	3489	3444	3347	3333	3347
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2502	2505	2509	2156	2118	2517
Combustible fuels	2499	2502	2506	2153	2115	2513
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	4
Main activity	2405	2405	2405	2049	2022	2421
Combustible fuels	2402	2402	2402	2046	2019	2417
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	4
Combustible fuel input	Terajoules					
Gas-diesel oil	215	301	294	300	317	318
Other oil products	80	201	158	..	..	..
Natural gas	118721	109361	101416	97392	102221	95641
Total input	119016	109863	101868	97692	102538	95958
Total production	34430	33887	33543	33193	33060	33193
Estimated efficiency (% of production to input)	29	31	33	34	32	35

Statistics on electricity

Tunisia

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	19676	19808	20589	21012	22140	21633
Combustible fuels	18904	19002	19758	20085	21038	20572
Hydro	69	45	17	17	66	46
Nuclear	..	..	..	..	..	..
Other	703	761	814	910	1036	1015
Main activity	18691	18634	19402	19545	20549	20039
Combustible fuels	18174	18115	18936	19075	19983	19527
Hydro	69	45	17	17	66	46
Nuclear	..	..	..	..	..	..
Other	448	474	449	453	500	465
Own use in electricity, CHP and heat plants	559	492	428	457	471	461
Net production	19117	19316	20161	20555	21669	21172
Imports	403	134	450	382	472	369
Exports	500	255	483	484	631	969
Losses	3166	3052	3507	3584	3641	3725
Consumption	16377	16001	16542	16879	17821	16803
Energy industries own use	940	432	429	375	391	350
By industry and construction	5478	5423	5389	5737	5743	5288
By transport	94	96	94	99	94	82
By households and other cons.	9865	10050	10630	10668	11593	11083
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	4976	5240	5085	4840	5926	6249
Combustible fuels	4649	4901	4734	4474	5539	5820
Hydro	62	62	62	62	62	62
Nuclear	..	..	..	..	..	..
Other	265	277	289	304	325	367
Main activity	4753	5005	4838	4578	5653	5934
Combustible fuels	4451	4703	4536	4276	5341	5622
Hydro	62	62	62	62	62	62
Nuclear	..	..	..	..	..	..
Other	240	240	240	240	250	250
Combustible fuel input	Terajoules					
Gas-diesel oil	146	86	37	32	29	232
Fuel oil	9534	687	727	808	549	492
Natural gas	167766	169416	173384	176826	185286	180310
Total input	177447	170189	174149	177666	185864	181034
Total production	68054	68407	71129	72306	75737	74059
Estimated efficiency (% of production to input)	38	40	41	41	41	41

Statistics on electricity

Türkiye

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	261783	274408	297278	304802	303898	306703
Combustible fuels	178871	185085	211290	208733	174041	181526
Hydro	67146	67231	58218	59938	88823	78094
Nuclear	..	..	..	..	..	..
Other	15766	22092	27769	36130	41034	47083
Main activity	243163	253746	276993	284884	280964	281027
Combustible fuels	161979	166450	193609	192399	155443	160684
Hydro	65924	66386	57252	58865	87540	77068
Nuclear	..	..	..	..	..	..
Other	15260	20910	26133	33620	37980	43274
Own use in electricity, CHP and heat plants	11883	12471	13020	14300	14762	14039
Net production	249900	261937	284258	290502	289136	292664
Imports	7136	6330	2728	2477	2212	1890
Exports	3195	1452	3304	3112	2789	2484
Losses	36528	35611	34659	31635	31285	29368
Consumption	217313	231204	249023	258232	257273	262702
Energy industries own use	2812	3137	3267	3298	4066	3977
By industry and construction	100723	105160	113215	114414	111610	116050
By transport	1062	1156	1247	1350	1578	1436
By households and other cons.	112716	121751	131293	139170	140020	141239
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	73147	78497	85200	88551	91267	95891
Combustible fuels	41810	44278	46762	46712	47284	47396
Hydro	25868	26681	27273	28291	28503	30984
Nuclear	..	..	..	..	..	..
Other	5469	7538	11165	13548	15480	17510
Main activity	68694	73220	79011	82113	83679	87817
Combustible fuels	37999	40055	42345	42262	42062	42113
Hydro	25324	26131	26722	27740	27951	30426
Nuclear	..	..	..	..	..	..
Other	5371	7034	9944	12112	13666	15278
Combustible fuel input	Terajoules					
Hard Coal	423837	479342	518543	612465	609747	617633
Brown Coal	431698	518993	550750	587461	617324	499674
Biogas	11119	14721	17569	20496	24824	28029
Fuel oil	10585	10342	5010	2815	3738	4395
Natural gas	763792	684008	805752	662079	425807	516229
Coke-oven gas	9296	8328	10686	11457	9757	9488
Blast furnace gas	22876	23748	25637	21013	20009	20297
Fuelwood	*556	*986	*3288	*6269	*11765	*20367
Municipal waste	..	..	..	171	436	364
Other liquid biofuels	..	..	12	27	180	284
Others	11037	9162	7520	2262	247	220
Total input	1684796	1749630	1944765	1926516	1723833	1716981
Total production	643936	666306	760644	751440	626548	653493
Estimated efficiency (% of production to input)	38	38	39	39	36	38

Statistics on electricity

Turkmenistan

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	22534	22534	22534	22534	22534	22534
Combustible fuels	22531	22531	22531	22531	22531	22531
Hydro	3	3	3	3	3	3
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	22534	22534	22534	22534	22534	22534
Combustible fuels	22531	22531	22531	22531	22531	22531
Hydro	3	3	3	3	3	3
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1703	1703	1703	1703	1703	1703
Net production	20831	20831	20831	20831	20831	20831
Imports	..	..	..	..	..	..
Exports	3201	3201	3201	3201	3201	3201
Losses	2892	2892	2892	2892	2892	2892
Consumption	14738	14738	14738	14738	14738	14738
Energy industries own use	2262	2262	2262	2262	2262	2262
By industry and construction	4502	4502	4502	4502	4502	4502
By transport	324	324	324	324	324	324
By households and other cons.	7650	7650	7650	7650	7650	7650
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*4401	4675	5201	5201	*5201	*5202
Combustible fuels	*4400	4674	5200	5200	*5200	*5200
Hydro	1	1	1	1	1	2
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*4401	4675	5201	5201	*5201	*5202
Combustible fuels	*4400	4674	5200	5200	*5200	*5200
Hydro	1	1	1	1	1	2
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Natural gas	325315	325315	325313	325313	325313	325313
Total input	325315	325315	325313	325313	325313	325313
Total production	81112	81112	81111	81111	81111	81111
Estimated efficiency (% of production to input)	25	25	25	25	25	25

Statistics on electricity

Turks and Caicos Islands

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*230	*245	*293	*258	*261	*256
Combustible fuels	*230	*245	*293	*257	*260	*255
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	1	1	*1
Main activity	*230	*245	*293	*258	*261	*256
Combustible fuels	*230	*245	*293	*257	*260	*255
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	1	1	*1
Own use in electricity, CHP and heat plants	*3	*5	*3	*9	*7	*7
Net production	*227	*240	*290	*249	*254	*249
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*13	*15	*10	*13	*13	*13
Consumption	*215	230	284	237	*241	*237
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*215	230	284	237	*241	*237
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	82	82	82	84	91	91
Combustible fuels	82	82	82	84	90	90
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	1	1
Main activity	82	82	82	84	91	91
Combustible fuels	82	82	82	84	90	90
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	*2494	*2580	*2666	*2774	*2855	*2817
Total input	*2494	*2580	*2666	*2774	*2855	*2817
Total production	*828	*882	*1055	*925	*935	*918
Estimated efficiency (% of production to input)	33	34	40	33	33	33

Statistics on electricity

Tuvalu

Item	2015	2016	2017	2018	2019	2020
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*7	8	8	*8	*9	*9
Combustible fuels	*6	6	6	*6	*7	*7
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	2	2	2	2	*2
Main activity	*7	8	8	*8	*9	*9
Combustible fuels	*6	6	6	*6	*7	*7
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	2	2	2	2	*2
Own use in electricity, CHP and heat plants	*1	1	1	*1	*1	*1
Net production	*6	7	7	*8	*8	*8
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*1	*1	*1	*1	*1	*1
Consumption	6	7	7	*7	*7	*7
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	6	7	7	*7	*7	*7
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*5	*5	*5	5	*5	*5
Combustible fuels	*3	*3	*3	3	*3	*3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	2	*3
Main activity	*5	*5	*5	5	*5	*5
Combustible fuels	*3	*3	*3	3	*3	*3
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	2	*3
Combustible fuel input	Terajoules					
Gas-diesel oil	61	59	62	*73	*73	*69
Total input	61	59	62	*73	*73	*69
Total production	*22	22	23	*23	*24	*24
Estimated efficiency (% of production to input)	36	38	36	32	33	35