

Statistics on electricity
Republic of Moldova

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3495	3364	2779	3573	4239	4230
Combustible fuels	940	898	859	902	885	862
Hydro	76	34	45	59	50	39
Nuclear	..	..	..	..	..	..
Other	2479	2432	1875	2612	3304	3329
Main activity	3461	3332	2736	3503	4199	4188
Combustible fuels	906	866	816	832	845	820
Hydro	76	34	45	59	50	39
Nuclear	..	..	..	..	..	..
Other	2479	2432	1875	2612	3304	3329
Own use in electricity, CHP and heat plants	136	129	124	126	134	136
Net production	3359	3235	2655	3447	4105	4094
Imports	666	846	1456	731	18	4
Exports	..	..	..	..	..	..
Losses	453	446	431	481	393	428
Consumption	3571	3636	3682	3698	3727	3667
Energy industries own use	191	166	37	49	41	45
By industry and construction	815	845	872	906	773	751
By transport	50	54	59	47	49	62
By households and other cons.	2515	2571	2714	2696	2864	2809
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	503	487	487	483	491	463
Combustible fuels	487	471	470	465	473	443
Hydro	16	16	16	16	16	16
Nuclear	..	..	..	..	..	..
Other	..	0	1	2	2	4
Main activity	346	346	347	348	348	350
Combustible fuels	330	330	330	330	330	330
Hydro	16	16	16	16	16	16
Nuclear	..	..	..	..	..	..
Other	..	0	1	2	2	4
Combustible fuel input	Terajoules					
Hard Coal	0	0	0	0	0	0
Biogas	..	0	36	178	401	361
Gas-diesel oil	0	0	0	0	0	0
Fuel oil	606	485	566	485	283	485
Other oil products	*16	*8	0	0	0	*8
Natural gas	13080	12698	12061	12931	11874	11660
Fuelwood	..	0	0	0	0	0
Vegetal waste	0	0	0	0	0	0
Industrial waste	0	0	0	0	0	0
Total input	13702	13191	12663	13594	12558	12514
Total production	3384	3233	3092	3247	3186	3103
Estimated efficiency (% of production to input)	25	25	24	24	25	25

Statistics on electricity
Réunion

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2750	2811	2813	2857	2891	2944
Combustible fuels	2195	2114	2017	2180	2135	2201
Hydro	402	488	557	426	496	465
Nuclear	..	..	..	..	..	..
Other	153	209	239	252	260	278
Main activity	2750	2811	2813	2857	2891	2944
Combustible fuels	2195	2114	2017	2180	2135	2201
Hydro	402	488	557	426	496	465
Nuclear	..	..	..	..	..	..
Other	153	209	239	252	260	278
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	2750	2811	2813	2857	2891	2944
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	243	284	269	259	234	235
Consumption	2498	2540	2555	2598	2657	2709
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	2498	2540	2555	2598	2657	2709
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	751	810	873	827	840	855
Combustible fuels	472	510	564	505	505	520
Hydro	133	133	134	134	134	133
Nuclear	..	..	..	..	..	..
Other	146	167	175	188	201	201
Main activity	751	810	873	827	840	855
Combustible fuels	472	510	564	505	505	520
Hydro	133	133	134	134	134	133
Nuclear	..	..	..	..	..	..
Other	146	167	175	188	201	201
Combustible fuel input	Terajoules					
Hard Coal	17681	18349	17570	16530	16213	15800
Biogas	80	96	155	138	176	176
Gas-diesel oil	2365	1780	331	224	249	254
Fuel oil	3676	3123	3592	5612	5507	6482
Bagasse	4082	4095	3920	4145	4396	4171
Total input	27884	27443	25567	26649	26540	26882
Total production	7901	7610	7262	7848	7686	7924
Estimated efficiency (% of production to input)	28	28	28	29	29	29

Statistics on electricity
Romania

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	62217	59045	58887	65676	66296	65103
Combustible fuels	34135	32594	27021	26903	28604	26871
Hydro	14946	12337	15308	19280	17007	18536
Nuclear	11747	11466	11618	11676	11640	11286
Other	1389	2648	4940	7817	9045	8410
Main activity	59437	54793	52368	59581	58889	57978
Combustible fuels	31509	28686	21103	21866	22215	20561
Hydro	14817	12179	15062	18953	16603	18213
Nuclear	11747	11466	11618	11676	11640	11286
Other	1364	2462	4585	7086	8431	7918
Own use in electricity, CHP and heat plants	5727	5351	4753	4977	5019	4847
Net production	56490	53694	54134	60699	61277	60256
Imports	3410	3903	2737	2811	4492	4177
Exports	5316	3650	4753	9937	11220	9194
Losses	7141	7062	7021	7097	7161	7125
Consumption	47533	47213	45408	46424	47284	47802
Energy industries own use	4819	4827	4780	4519	4254	4545
By industry and construction	21083	20405	18823	19855	20525	20817
By transport	1424	1228	1126	1062	1082	1048
By households and other cons.	20207	20753	20679	20988	21423	21392
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	20499	21774	23033	24054	23943	23692
Combustible fuels	11616	11945	11393	11323	11233	11048
Hydro	6483	6548	6610	6613	6730	6734
Nuclear	1411	1411	1411	1411	1411	1411
Other	989	1870	3619	4707	4569	4499
Main activity	19734	19734	19974	20896	20935	20880
Combustible fuels	10948	10425	9064	8981	8895	8897
Hydro	6411	6455	6509	6523	6619	6644
Nuclear	1411	1411	1411	1411	1411	1411
Other	964	1443	2990	3981	4010	3928
Combustible fuel input	Terajoules					
Brown Coal	309994	276108	208366	207524	216668	190559
Biogas	88	183	422	597	594	472
Gas-diesel oil	215	258	344	215	129	129
Fuel oil	7676	4888	1535	889	1252	1656
Refinery gas	5792	5396	3020	2525	1881	5198
Petroleum coke	..	..	..	..	..	3250
Natural gas	114919	116627	102871	95207	109341	114034
Blast furnace gas	315	235	449	690	1265	1336
Fuelwood	1366	1772	1947	5005	5383	6034
Industrial waste	0	0	2	2	2	2
Others	1849	2935	4020	4543	4141	0
Total input	442213	408401	322976	317196	340656	322670
Total production	122886	117338	97276	96851	102974	96736
Estimated efficiency (% of production to input)	28	29	30	31	30	30

Statistics on electricity
Russian Federation

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1054765	1070734	1059092	1064207	1067544	1090973
Combustible fuels	713689	725399	703481	705598	701220	706663
Hydro	167608	167319	182654	177141	169914	186640
Nuclear	172941	177534	172508	180757	195470	196614
Other	527	482	449	711	940	1056
Main activity	990657	1003553	994597	997475	995548	1016191
Combustible fuels	650687	659241	640434	640412	630719	633211
Hydro	166502	166296	181206	175595	168419	185310
Nuclear	172941	177534	172508	180757	195470	196614
Other	527	482	449	711	940	1056
Own use in electricity, CHP and heat plants	68259	69232	64342	69550	75596	70201
Net production	986506	1001502	994750	994657	991948	1020772
Imports	1558	2661	4706	6623	6586	3194
Exports	24111	19143	18382	14671	18244	17694
Losses	105002	106667	106994	106567	106553	107247
Consumption	858951	876939	874080	880042	873737	899025
Energy industries own use	130127	136654	129989	142212	147419	154341
By industry and construction	332818	338608	336692	333701	329000	326343
By transport	90355	92041	90559	90256	82120	82569
By households and other cons.	305651	309636	316840	313873	315198	335772
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	222984	232685	239423	259020	257075	266526
Combustible fuels	151114	157845	163926	182465	179148	187611
Hydro	47479	49445	50104	50845	50998	51016
Nuclear	24300	25304	25304	25304	26304	27189
Other	91	91	89	406	625	710
Main activity	205454	214320	219789	233660	232223	240357
Combustible fuels	134143	139784	144744	157592	154773	161892
Hydro	46920	49141	49652	50358	50521	50566
Nuclear	24300	25304	25304	25304	26304	27189
Other	91	91	89	406	625	710
Combustible fuel input	Terajoules					
Hard Coal	1515618	1704144	1412388	1319217	1468222	1443157
Brown Coal	957586	947024	908342	857293	969909	916234
Peat	9178	6886	12098	11041	5790	7264
Gas-diesel oil	59942	59727	56373	58480	62823	50224
Fuel oil	324170	332977	82820	90658	96798	83386
Refinery gas	2673	2030	1931	2079	2129	2376
Natural gas	7876206	8031618	8427679	7890479	7522764	7260211
Coke-oven gas	74001	70030	70600	69246	69503	68586
Blast furnace gas	123099	42842	51219	52344	56294	52739
Industrial waste	80023	79347	80246	82455	85289	90771
Others	1348	1437	1213	1152	1166	1610
Total input	11023843	11278062	11104908	10434444	10340686	9976558
Total production	2569280	2611436	2532532	2540153	2524392	2543987
Estimated efficiency (% of production to input)	23	23	23	24	24	25

Statistics on electricity
Rwanda

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	346	393	413	476	524	634
Combustible fuels	196	211	265	266	226	342
Hydro	149	182	148	205	284	278
Nuclear	..	..	..	..	..	..
Other	0	0	0	5	14	14
Main activity	346	393	413	476	524	634
Combustible fuels	196	211	265	266	226	342
Hydro	149	182	148	205	284	278
Nuclear	..	..	..	..	..	..
Other	0	0	0	5	14	14
Own use in electricity, CHP and heat plants	24	24	24	38	11	0
Net production	322	369	389	438	512	634
Imports	78	91	94	90	83	78
Exports	5	3	0	4	3	4
Losses	*68	*78	*95	*86	121	145
Consumption	326	380	388	438	419	*560
Energy industries own use	..	..	..	..	..	..
By industry and construction	68	77	79	83	96	*150
By transport	..	..	..	..	..	..
By households and other cons.	259	302	309	355	322	*410
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	90	100	104	141	171	192
Combustible fuels	41	51	51	51	81	98
Hydro	49	49	52	80	80	84
Nuclear	..	..	..	..	..	..
Other	0	0	0	9	9	9
Main activity	90	100	104	141	171	192
Combustible fuels	41	51	51	51	81	98
Hydro	49	49	52	80	80	84
Nuclear	..	..	..	..	..	..
Other	0	0	0	9	9	9
Combustible fuel input	Terajoules					
Gas-diesel oil	*1952	*2081	*2623	*2580	*2081	*2064
Natural gas	*63	*91	*102	*161	*240	*1100
Total input	*2015	*2172	*2725	*2741	*2321	*3164
Total production	705	760	954	959	813	1230
Estimated efficiency (% of production to input)	35	35	35	35	35	39

Statistics on electricity

Samoa

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	109	112	113	125	131	149
Combustible fuels	74	75	80	95	97	101
Hydro	35	37	32	30	31	33
Nuclear	..	..	..	..	..	..
Other	..	..	..	0	4	16
Main activity	109	112	113	125	131	149
Combustible fuels	74	75	80	95	97	101
Hydro	35	37	32	30	31	33
Nuclear	..	..	..	..	..	..
Other	..	..	..	0	4	16
Own use in electricity, CHP and heat plants	2	2	2	3	3	3
Net production	107	110	111	123	129	147
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*17	*17	*17	*15	*12	*12
Consumption	90	93	93	107	116	134
Energy industries own use	..	..	..	..	..	..
By industry and construction	5	6	6	8	9	6
By transport	..	..	..	..	..	..
By households and other cons.	84	87	87	100	107	129
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*42	*42	*42	38	*43	*45
Combustible fuels	*30	*30	*30	26	*25	*26
Hydro	*12	*12	*12	12	11	*11
Nuclear	..	..	..	..	..	..
Other	..	..	..	*1	7	*9
Main activity	*39	*39	*39	36	*40	*43
Combustible fuels	*27	*27	*27	23	*23	*23
Hydro	*12	*12	*12	12	11	*11
Nuclear	..	..	..	..	..	..
Other	..	..	..	*1	7	*9
Combustible fuel input	Terajoules					
Gas-diesel oil	731	757	791	920	882	*929
Total input	731	757	791	920	882	*929
Total production	266	271	289	341	348	363
Estimated efficiency (% of production to input)	36	36	37	37	40	39

Statistics on electricity

Sao Tome and Principe

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	67	77	71	*77	*81	86
Combustible fuels	61	71	65	*70	*75	79
Hydro	6	6	6	8	7	*7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	67	77	71	*77	*81	86
Combustible fuels	61	71	65	*70	*75	79
Hydro	6	6	6	8	7	*7
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	7	10	4	*5	*6	*6
Net production	60	67	67	*73	*76	80
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*16	*16	*16	*15	*12	12
Consumption	*44	*51	*51	*58	*64	*69
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*44	*51	*51	*58	*64	*69
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*23	*23	*23	*23	*26	*26
Combustible fuels	*21	*21	*21	*21	*24	*24
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*23	*23	*23	*23	*26	*26
Combustible fuels	*21	*21	*21	*21	*24	*24
Hydro	2	2	2	2	2	2
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	499	679	718	*624	*648	*675
Total input	499	679	718	*624	*648	*675
Total production	220	254	234	*251	*268	286
Estimated efficiency (% of production to input)	44	37	33	40	41	42

Statistics on electricity
Saudi Arabia

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	250077	271666	284010	311804	338331	345104
Combustible fuels	250077	271665	284009	311803	338330	345103
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	1	1
Main activity	190280	216840	226114	251728	263510	260614
Combustible fuels	190280	216839	226113	251727	263509	260613
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	1	1
Own use in electricity, CHP and heat plants	6128	6826	6562	7568	7970	8019
Net production	243949	264840	277448	304236	330361	337085
Imports	..	416	434	466	461	343
Exports	..	470	482	515	512	1062
Losses	23508	23780	20017	21144	25596	27936
Consumption	219662	241074	257438	283096	305092	308107
Energy industries own use	9269	9767	9212	10981	12327	13438
By industry and construction	32320	32075	41947	48442	49494	*51149
By transport	..	..	..	..	..	..
By households and other cons.	178073	199232	206279	223673	243271	243520
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	51149	53589	58463	65507	69156	74703
Combustible fuels	51149	53588	58462	65506	69155	74702
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	1	1
Main activity	38919	45363	50040	55340	58177	62579
Combustible fuels	38919	45362	50039	55339	58176	62578
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	1	1
Combustible fuel input	Terajoules					
Crude oil	926455	920575	812710	952384	983602	*937537
Gas-diesel oil	547304	575383	592540	541155	539779	*474419
Fuel oil	148026	178164	181234	262398	287608	*315241
Natural gas	1380378	1538835	1751556	1801750	2194514	*2322614
Total input	3002162	3212957	3338040	3557688	4005503	*4049811
Total production	900277	977994	1022432	1122491	1217988	1242371
Estimated efficiency (% of production to input)	30	30	31	32	30	31

Statistics on electricity
Senegal

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2560	2917	3253	3575	3818	4097
Combustible fuels	2560	2917	3185	3542	3779	4044
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	68	33	39	53
Main activity	1357	1421	2730	2909	3105	3239
Combustible fuels	1357	1421	2730	2909	3105	3239
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	34	41	39	49	54	54
Net production	2526	2876	3214	3526	3764	4043
Imports	257	290	308	318	333	360
Exports	..	..	..	..	..	..
Losses	265	302	593	599	631	670
Consumption	2032	2313	3079	3245	3466	3734
Energy industries own use	..	..	..	..	..	..
By industry and construction	751	858	846	836	951	1073
By transport	..	..	..	..	..	..
By households and other cons.	1281	1455	2233	2409	2515	2661
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	827	854	*854	*875	886	*892
Combustible fuels	827	854	*802	*823	834	*840
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	*52	*52	*52	*52
Main activity	483	489	*489	*489	508	*510
Combustible fuels	483	489	*489	*489	508	*510
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	..	..	..	311	2980	5779
Gas-diesel oil	7224	8686	5891	6321	4945	2365
Fuel oil	18099	18099	21735	23715	26179	28684
Natural gas	752	1083	1519	1466	946	878
Bagasse	*2831	*2229	*1370	*1430	*1522	*2621
Total input	28906	30097	30515	33243	36573	40327
Total production	9216	10501	11466	12751	13604	14558
Estimated efficiency (% of production to input)	32	35	38	38	37	36

Statistics on electricity
Serbia

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	38600	36799	39877	34060	38298	39342
Combustible fuels	29357	26885	29024	22437	27504	27784
Hydro	9243	9914	10853	11617	10783	11520
Nuclear	..	..	..	..	..	..
Other	..	..	..	6	11	38
Main activity	38370	36628	39675	33771	37980	38889
Combustible fuels	29127	26714	28822	22148	27186	27331
Hydro	9243	9914	10853	11617	10783	11520
Nuclear	..	..	..	..	..	..
Other	..	..	..	6	11	38
Own use in electricity, CHP and heat plants	2807	2597	2707	2161	2659	2714
Net production	35793	34202	37170	31899	35639	36628
Imports	6701	5781	4077	7008	6303	5068
Exports	6979	5392	6614	5445	7221	6990
Losses	5844	5609	5501	5163	5169	4808
Consumption	29671	28982	29132	28299	29552	29898
Energy industries own use	1680	1815	2229	2255	2605	2566
By industry and construction	7473	6931	7079	7042	7297	7731
By transport	529	492	478	336	351	352
By households and other cons.	19989	19744	19346	18666	19299	19249
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	7203	7204	7163	7326	7358	7410
Combustible fuels	4348	4349	4232	4303	4327	4352
Hydro	2855	2855	2931	3017	3022	3030
Nuclear	..	..	..	..	..	..
Other	..	..	..	6	9	28
Main activity	7144	7144	7102	7249	7281	7281
Combustible fuels	4289	4289	4171	4226	4250	4223
Hydro	2855	2855	2931	3017	3022	3030
Nuclear	..	..	..	..	..	..
Other	..	..	..	6	9	28
Combustible fuel input	Terajoules					
Hard Coal	0	0	140	0	0	0
Brown Coal	316532	290771	304399	233364	291528	289300
Lignite briquettes	860	736	667	389	705	726
Biogas	..	39	171	126	140	210
Gas-diesel oil	0	0	0	0	0	0
Fuel oil	525	444	40	40	40	81
Natural gas	10298	8588	8033	7087	4997	5331
Blast furnace gas	3757	991	1142	1841	3071	3929
Fuelwood	0	0	78	78	100	90
Industrial waste	0	0	12	17	15	23
Others	0	0	0	0	0	0
Total input	331972	301569	314682	242942	300597	299689
Total production	105685	96786	104486	80773	99014	100022
Estimated efficiency (% of production to input)	32	32	33	33	33	33

Statistics on electricity
Seychelles

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	324	336	354	363	378	*409
Combustible fuels	324	336	347	355	369	*391
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	7	8	9	*18
Main activity	324	336	354	363	378	*409
Combustible fuels	324	336	347	355	369	*391
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	7	8	9	*18
Own use in electricity, CHP and heat plants	10	9	10	10	11	0
Net production	314	327	344	352	367	*409
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	37	40	40	41	*42	43
Consumption	280	314	307	313	324	366
Energy industries own use	..	..	..	..	..	..
By industry and construction	138	165	177	182	187	209
By transport	..	..	..	..	..	..
By households and other cons.	142	148	130	131	137	157
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	79	79	85	87	87	88
Combustible fuels	79	79	79	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	6	7	7	8
Main activity	79	79	85	87	87	88
Combustible fuels	79	79	79	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	6	7	7	8
Combustible fuel input	Terajoules					
Gas-diesel oil	121	30	15	*15	*17	*18
Fuel oil	2467	2640	2705	*2784	*3099	*3196
Total input	2588	2670	2720	*2799	*3116	*3214
Total production	1166	1211	1250	1278	1328	*1408
Estimated efficiency (% of production to input)	45	45	46	46	43	44

Statistics on electricity

Sierra Leone

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	176	179	164	181	*205	*208
Combustible fuels	22	61	59	63	*80	*81
Hydro	153	118	105	118	*125	*127
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	176	179	164	181	*205	*208
Combustible fuels	22	61	59	63	*80	*81
Hydro	153	118	105	118	*125	*127
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	0	0	2	0	*1
Net production	175	178	164	178	*205	*207
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	89	78	95	78	*95	*95
Consumption	86	100	69	86	*110	*112
Energy industries own use	..	..	..	..	..	..
By industry and construction	35	32	29	35	*40	*41
By transport	..	..	..	..	..	..
By households and other cons.	52	67	40	52	*70	*71
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	77	77	77	77	133	137
Combustible fuels	27	27	27	27	77	77
Hydro	50	50	50	50	56	60
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	0	0
Main activity	77	77	77	77	133	137
Combustible fuels	27	27	27	27	77	77
Hydro	50	50	50	50	56	60
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*258	*688	*688	*731	*946	*946
Total input	*258	*688	*688	*731	*946	*946
Total production	80	218	212	225	*288	*292
Estimated efficiency (% of production to input)	31	32	31	31	30	31

Statistics on electricity
Singapore

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	45999	46936	47963	49310	50272	51587
Combustible fuels	45999	46936	47963	49310	50272	51587
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	44684	45219	45160	46336	47031	48066
Combustible fuels	44684	45219	45160	46336	47031	48066
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	1	0
Net production	45999	46936	47963	49310	50271	51587
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2468	2289	2383	2548	2428	2431
Consumption	43007	44201	44949	46403	47514	48626
Energy industries own use	..	..	..	..	..	..
By industry and construction	*18077	*18572	*18843	*19753	*20088	*20418
By transport	2224	2329	2369	2441	2445	2640
By households and other cons.	22706	23300	23737	24209	24981	25568
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	10135	10304	11437	13073	13055	13446
Combustible fuels	10131	10296	11425	13047	13009	13348
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	8	12	26	46	97
Main activity	9829	9990	10935	12571	12641	13028
Combustible fuels	9825	9982	10923	12545	12595	12931
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	8	12	26	46	97
Combustible fuel input	Terajoules					
Hard Coal	..	80	5631	9600	10714	10851
Gas-diesel oil	9675	5762	1075	86	43	1380
Fuel oil	69407	49732	19917	2586	1939	2424
Refinery gas	14256	12227	10841	8366	7821	3119
Natural gas	285758	314224	353928	375435	379527	350192
Municipal waste	25263	26008	26917	27063	27830	27436
Total input	404360	408033	418309	423135	427874	395401
Total production	165598	168970	172668	177515	180977	185712
Estimated efficiency (% of production to input)	41	41	41	42	42	47

Statistics on electricity

Sint Maarten (Dutch part)

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	..	*342	355	*358	*369	*376
Combustible fuels	..	*342	355	*358	*369	*376
Hydro
Nuclear
Other
Main activity	..	*342	355	*358	*369	*376
Combustible fuels	..	*342	355	*358	*369	*376
Hydro
Nuclear
Other
Own use in electricity, CHP and heat plants	..	0	0	0	0	0
Net production	..	*342	355	*358	*369	*376
Imports
Exports
Losses	..	*31	32	*32	*33	*34
Consumption	..	312	323	326	336	342
Energy industries own use
By industry and construction	..	57	58	53	58	60
By transport
By households and other cons.	..	254	265	272	278	283
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	..	97	97	97	97	97
Combustible fuels	..	97	97	97	97	97
Hydro
Nuclear
Other
Main activity	..	97	97	97	97	97
Combustible fuels	..	97	97	97	97	97
Hydro
Nuclear
Other
Combustible fuel input	Terajoules					
Fuel oil	..	*3091	3167	*3248	*3361	*3470
Total input	..	*3091	3167	*3248	*3361	*3470
Total production	..	*1232	1279	*1288	*1328	*1353
Estimated efficiency (% of production to input)	..	40	40	40	40	39

Statistics on electricity
Slovakia

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	28656	28664	28832	27401	26903	27064
Combustible fuels	8619	8231	7283	6719	7008	7015
Hydro	4146	4439	5166	4462	4137	4606
Nuclear	15411	15495	15720	15499	15146	14774
Other	480	499	663	721	612	669
Main activity	26164	26128	26362	24361	23835	23980
Combustible fuels	6623	6192	5458	4402	4489	4542
Hydro	4045	4351	5060	4346	4052	4508
Nuclear	15411	15495	15720	15499	15146	14774
Other	85	90	124	114	148	156
Own use in electricity, CHP and heat plants	2566	2527	1660	2394	2145	2067
Net production	26090	26137	27172	25007	24758	24997
Imports	11227	13472	10719	12964	14999	13249
Exports	10500	13079	10628	11862	12611	10598
Losses	515	1274	760	667	1363	1332
Consumption	26299	25237	26491	25426	25768	26300
Energy industries own use	1487	1300	1407	1269	1397	1313
By industry and construction	11241	11908	11785	12237	11605	12085
By transport	536	560	567	574	602	607
By households and other cons.	13035	11469	12732	11346	12164	12295
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8363	8412	8458	8092	7782	7742
Combustible fuels	3382	3416	3432	3068	2754	2710
Hydro	2523	2522	2523	2523	2522	2524
Nuclear	1940	1939	1940	1940	1940	1940
Other	518	535	563	561	566	568
Main activity	7362	7370	7385	6947	6658	6643
Combustible fuels	2820	2833	2847	2411	2119	2106
Hydro	2494	2493	2493	2493	2495	2493
Nuclear	1940	1939	1940	1940	1940	1940
Other	108	105	105	103	104	104
Combustible fuel input	Terajoules					
Hard Coal	18980	18850	17031	15816	14279	14739
Brown Coal	34024	30437	28653	27261	28042	31222
Biogas	1072	1776	2072	3857	4574	4991
Fuel oil	11150	10262	8928	6504	8201	9534
Natural gas	30484	28153	26454	19005	19379	18955
Coke-oven gas	1102	1095	887	961	1277	1077
Blast furnace gas	1756	1857	1697	1661	1438	1328
Fuelwood	*4946	*8488	*7809	*6809	*7284	9237
Municipal waste	907	950	735	775	1090	1236
Black liquor	*5106	*7629	*8055	*6297	*5549	*5645
Others	*2032	1260	2485	2390	*4223	1791
Total input	111559	110756	104806	91336	95336	99755
Total production	31028	29632	26219	24188	25229	25254
Estimated efficiency (% of production to input)	28	27	25	26	26	25

Statistics on electricity
Slovenia

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	16059	15736	16103	17437	15100	16500
Combustible fuels	6073	5958	5661	4440	5081	5730
Hydro	3706	4087	4923	6366	4091	4782
Nuclear	6215	5528	5300	6370	5648	5715
Other	65	163	219	261	280	273
Main activity	15623	15202	15481	16688	14412	15746
Combustible fuels	5825	5707	5414	4169	4813	5463
Hydro	3581	3961	4757	6138	3937	4555
Nuclear	6215	5528	5300	6370	5648	5715
Other	2	6	10	11	14	13
Own use in electricity, CHP and heat plants	1058	1031	986	951	913	954
Net production	15001	14705	15117	16486	14187	15546
Imports	7036	7452	7521	7254	9045	8359
Exports	8408	8491	8811	9997	9093	9535
Losses	824	875	848	821	864	876
Consumption	12805	12791	12979	12922	13275	13493
Energy industries own use	305	363	500	463	487	468
By industry and construction	5864	5922	5878	6057	6199	6234
By transport	164	159	154	136	152	166
By households and other cons.	6472	6347	6447	6266	6437	6625
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3268	3351	3434	3454	3360	3536
Combustible fuels	1270	1267	1256	1242	1133	1318
Hydro	1253	1254	1299	1296	1295	1293
Nuclear	688	688	688	688	688	688
Other	57	142	191	228	244	237
Main activity	3040	3058	3095	3070	2965	3148
Combustible fuels	1213	1227	1214	1192	1086	1272
Hydro	1137	1138	1183	1180	1179	1177
Nuclear	688	688	688	688	688	688
Other	2	5	10	10	12	11
Combustible fuel input	Terajoules					
Hard Coal	51	76	131	101	135	136
Brown Coal	58793	56744	53877	42032	42816	40630
Biogas	1404	1497	1357	1203	1163	1196
Gas-diesel oil	129	129	86	344	172	86
Fuel oil	40	0	0	0	0	..
Natural gas	4789	5158	4824	3153	3588	3638
Fuelwood	*1566	*1380	*1495	*1467	*1761	*1744
Industrial waste	263	316	310	321	330	357
Biodiesel	..	..	..	37	37	37
Total input	67035	65300	62080	48658	50002	47824
Total production	21863	21449	20380	15984	18292	20628
Estimated efficiency (% of production to input)	33	33	33	33	37	43

Statistics on electricity
Solomon Islands

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	83	83	89	94	97	104
Combustible fuels	83	83	89	92	95	102
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	*2	*2	*2
Main activity	75	75	81	86	88	95
Combustible fuels	75	75	81	84	86	93
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	*2	*2	*2
Own use in electricity, CHP and heat plants	2	2	*2	*2	*2	*2
Net production	81	81	87	92	95	102
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*10	*10	*10	*10	*12	*12
Consumption	71	*71	77	*82	*83	*90
Energy industries own use	..	..	..	..	..	..
By industry and construction	*31	*31	*30	*35	*33	*35
By transport	..	..	..	..	..	..
By households and other cons.	40	*41	47	*47	*50	*54
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*36	*36	*36	*37	*37	*37
Combustible fuels	*36	*36	*36	*36	*36	*36
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	..	..	..	*1	*1	*1
Main activity	*31	*31	*31	*32	*32	*32
Combustible fuels	*31	*31	*31	*31	*31	*31
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	..	..	..	*1	*1	*1
Combustible fuel input	Terajoules					
Gas-diesel oil	*1011	*1019	*1148	*1165	*1161	*1011
Total input	*1011	*1019	*1148	*1165	*1161	*1011
Total production	298	300	321	331	341	366
Estimated efficiency (% of production to input)	29	29	28	28	29	36

Statistics on electricity
Somalia

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	334	340	350	350	350	350
Combustible fuels	334	340	350	350	350	350
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	334	340	350	350	350	350
Combustible fuels	334	340	350	350	350	350
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	334	340	350	350	350	350
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*33	*32	*35	*35	*35	*35
Consumption	301	308	315	315	315	315
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	301	308	315	315	315	315
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	80	80	80	80	80	80
Combustible fuels	80	80	80	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	80	80	80	80	80	80
Combustible fuels	80	80	80	80	80	80
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*3655	*3698	*4214	*4214	*4214	*4300
Total input	*3655	*3698	*4214	*4214	*4214	*4300
Total production	1202	1224	1260	1260	1260	1260
Estimated efficiency (% of production to input)	33	33	30	30	30	29

Statistics on electricity
South Africa

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	262538	257919	256073	252578	249655	252747
Combustible fuels	243980	241717	237871	232516	228825	226927
Hydro	5019	4211	4040	4082	3720	3994
Nuclear	13502	11954	14106	13794	12237	15026
Other	37	37	56	2186	4873	6800
Main activity	251746	247516	244851	240401	233391	233673
Combustible fuels	233378	231479	226828	222649	217282	214382
Hydro	4866	4083	3917	3958	3607	3873
Nuclear	13502	11954	14106	13794	12237	15026
Other	..	..	..	..	265	392
Own use in electricity, CHP and heat plants	14955	14679	14608	14360	13938	13726
Net production	247583	243240	241465	238218	235717	239021
Imports	11890	10006	9428	11177	13059	10555
Exports	14964	15035	13929	13836	14609	16549
Losses	21998	22221	21488	20940	19895	21399
Consumption	220421	213092	212497	211679	209887	210359
Energy industries own use	15719	15188	15693	16174	16025	17541
By industry and construction	122430	118824	118204	117428	116576	115940
By transport	3779	3833	3745	3714	3463	3457
By households and other cons.	78493	75247	74855	74363	73823	73421
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*44844	*44844	*44148	*47643	*47273	*48094
Combustible fuels	*42186	*42186	*41559	*43238	*40581	*40581
Hydro	*728	*728	*728	*725	*740	*740
Nuclear	*1890	*1890	*1800	*1880	*1860	1860
Other	*40	*40	*61	*1800	*4092	*4913
Main activity	*42754	*42754	*42037	*44003	*41205	*41014
Combustible fuels	*40186	*40186	*39559	*41438	*38381	*38190
Hydro	*678	*678	*678	*685	*700	*700
Nuclear	*1890	*1890	*1800	*1880	*1860	1860
Other	..	..	..	..	*264	*264
Combustible fuel input	Terajoules					
Hard Coal	2840510	2915759	2938647	3083944	2827721	2901980
Gas-diesel oil	2021	1978	1978	1935	1892	1892
Vegetal waste	*3730	*3730	*3730	*3730	*3730	*3744
Total input	2846261	2921467	2944355	3089609	2833343	2907616
Total production	878328	870181	856336	837058	823770	816937
Estimated efficiency (% of production to input)	31	30	29	27	29	28

Statistics on electricity
South Sudan

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	..	444	471	489	577	439
Combustible fuels	..	443	470	488	576	437
Hydro
Nuclear
Other	..	1	1	1	1	2
Main activity	..	210	225	234	245	187
Combustible fuels	..	210	225	234	245	186
Hydro
Nuclear
Other	..	0	0	0	0	1
Own use in electricity, CHP and heat plants	..	17	17	18	17	14
Net production	..	427	454	471	560	425
Imports
Exports
Losses	..	26	27	28	27	21
Consumption	..	385	415	431	529	402
Energy industries own use
By industry and construction
By transport
By households and other cons.	..	385	415	431	529	402
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	..	*81	*81	*81	*84	*84
Combustible fuels	..	*80	*80	*80	*80	*80
Hydro	3	*3
Nuclear
Other	..	*1	*1	*1	*1	*1
Main activity	..	*40	*40	*40	*43	*43
Combustible fuels	..	*40	*40	*40	*40	*40
Hydro	3	*3
Nuclear
Other	..	0	0	0	0	0
Combustible fuel input	Terajoules					
Motor gasoline	177	133
Gas-diesel oil	..	5074	5418	5633	7826	5934
Total input	..	5074	5418	5633	8003	6067
Total production	..	1595	1692	1757	2074	1573
Estimated efficiency (% of production to input)	..	31	31	31	26	26

Statistics on electricity

Spain

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	293848	297559	285632	278750	280911	274779
Combustible fuels	150730	150312	119111	112789	128947	113618
Hydro	32911	24162	41052	42970	31368	39865
Nuclear	57718	61470	56726	57305	57196	58633
Other	52489	61615	68743	65686	63400	62663
Main activity	253030	256132	247504	246639	247431	240730
Combustible fuels	110980	109560	81966	81783	96474	80530
Hydro	32050	23700	40109	41906	30620	39062
Nuclear	57718	61470	56726	57305	57196	58633
Other	52282	61402	68703	65645	63141	62505
Own use in electricity, CHP and heat plants	10570	10987	10234	10370	11161	10428
Net production	283278	286572	275398	268380	269750	264351
Imports	7932	7787	9887	12310	14956	21845
Exports	14023	18986	16638	15716	15089	14178
Losses	26027	25675	26694	26393	26509	26720
Consumption	252050	250526	241089	238508	243065	244640
Energy industries own use	8541	10278	11002	11611	11027	12125
By industry and construction	73451	72466	70828	71657	76055	77899
By transport	4515	4455	4552	4159	5582	5389
By households and other cons.	165543	163327	154707	151081	150401	149227
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	110110	112475	113302	113791	114205	113489
Combustible fuels	56786	56736	56786	56786	56350	55454
Hydro	18740	18750	19385	19423	20253	20256
Nuclear	7450	7450	6984	7399	7399	7399
Other	27134	29539	30147	30183	30203	30380
Main activity	102806	105171	105998	106487	106901	106185
Combustible fuels	49786	49736	49786	49786	49350	48454
Hydro	18540	18550	19185	19223	20053	20056
Nuclear	7450	7450	6984	7399	7399	7399
Other	27030	29435	30043	30079	30099	30276
Combustible fuel input	Terajoules					
Hard Coal	412497	523188	379601	411565	481734	362042
Brown Coal	37963	30335	21620	29263	30805	18293
Gas-diesel oil	47902	44720	40377	49106	35432	32078
Fuel oil	74134	78740	66579	63913	69326	75467
Petroleum coke	13780	16673	9458	10725	37083	31103
Natural gas	609377	517885	395682	323797	384257	376162
Blast furnace gas	9254	7243	9939	12500	11345	8924
Fuelwood	*26098	*26986	*35692	*41082	*26243	*24392
Vegetal waste	*868	*4299	*10992	*3168	*23658	*25000
Municipal waste	16332	14710	16724	17098	20900	19226
Others	10128	10761	19397	19166	17614	14200
Total input	1258334	1275539	1006060	981383	1138397	986886
Total production	542628	541123	428800	406040	464209	409025
Estimated efficiency (% of production to input)	43	42	43	41	41	41

Statistics on electricity

Sri Lanka

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	11600	11908	12060	12861	13227	14361
Combustible fuels	6916	8439	4870	7986	6854	9721
Hydro	4584	3302	6929	4563	5969	4221
Nuclear	..	..	..	..	..	..
Other	100	168	261	312	404	420
Main activity	11582	11879	12024	12812	12046	14175
Combustible fuels	6916	8439	4870	7986	6796	9630
Hydro	4573	3291	6918	4552	4904	4196
Nuclear	..	..	..	..	..	..
Other	93	149	236	274	345	349
Own use in electricity, CHP and heat plants	274	308	280	437	561	631
Net production	11326	11601	11780	12424	12666	13730
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1337	1192	1201	1426	925	997
Consumption	9990	10409	10554	10997	11741	12715
Energy industries own use	..	..	..	..	..	..
By industry and construction	3379	3528	3590	3758	3880	4149
By transport	..	..	..	..	..	..
By households and other cons.	6611	6881	6964	7239	7861	8566
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3160	3371	3301	4043	3948	4012
Combustible fuels	1712	1700	1591	2233	2108	2088
Hydro	1401	1584	1617	1664	1684	1722
Nuclear	..	..	..	..	..	..
Other	47	87	93	146	156	202
Main activity	3140	3124	3019	3723	3593	3600
Combustible fuels	1702	1690	1575	2213	2088	2064
Hydro	1401	1357	1361	1377	1377	1384
Nuclear	..	..	..	..	..	..
Other	37	77	83	133	128	152
Combustible fuel input	Terajoules					
Hard Coal	10419	18318	19860	39964	55099	58733
Gas-diesel oil	13072	16899	3856	12995	4240	16761
Fuel oil	30906	33532	21257	24659	12391	13227
Naphtha	2047	2759	4652	5904	6437	8010
Fuelwood	997	698	0	..	..	..
Bagasse	..	*39	334	524	726	911
Total input	57440	72244	49959	84047	78893	97643
Total production	24896	30379	17530	28748	24673	34995
Estimated efficiency (% of production to input)	43	42	35	34	31	36

Statistics on electricity

St. Helena and Depend.

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	9	10	11	10	10	11
Combustible fuels	8	9	10	9	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	2	3
Main activity	9	10	11	10	10	11
Combustible fuels	8	9	10	9	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	2	3
Own use in electricity, CHP and heat plants	1	0	1	0	0	0
Net production	9	9	10	10	10	10
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*1	*1	*1	*1	*1	*1
Consumption	8	9	9	9	9	9
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	8	9	9	9	9	9
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	5	8	8	9	10	19
Combustible fuels	5	8	8	8	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	*3	12
Main activity	5	8	8	9	10	19
Combustible fuels	5	8	8	8	8	8
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	*3	12
Combustible fuel input	Terajoules					
Gas-diesel oil	*86	*90	*99	85	72	67
Total input	*86	*90	*99	85	72	67
Total production	30	32	35	32	28	27
Estimated efficiency (% of production to input)	35	35	35	37	39	40

Statistics on electricity
St. Kitts-Nevis

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	223	218	*220	*221	*225	219
Combustible fuels	217	210	*211	*211	*215	207
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	8	*9	*10	*10	*12
Main activity	222	217	*219	*220	*224	218
Combustible fuels	216	209	*210	*210	*214	206
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	6	8	*9	*10	*10	*12
Own use in electricity, CHP and heat plants	0	0	*1	*2	*2	0
Net production	222	218	*219	*219	*223	219
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	40	39	*39	*39	*39	*44
Consumption	183	179	*180	*180	*184	*175
Energy industries own use	..	..	..	..	..	..
By industry and construction	*37	*36	*36	*36	*37	*53
By transport	..	..	..	..	..	..
By households and other cons.	146	143	*144	*144	*147	*122
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	59	60	59	60	63	*65
Combustible fuels	57	58	57	56	59	*61
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	3	*4	4	*4
Main activity	55	56	55	56	59	*61
Combustible fuels	53	54	53	52	55	*57
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	2	2	3	*4	4	*4
Combustible fuel input	Terajoules					
Gas-diesel oil	2116	2017	*1982	*1978	*2051	*2107
Total input	2116	2017	*1982	*1978	*2051	*2107
Total production	781	756	*760	*760	*774	746
Estimated efficiency (% of production to input)	37	37	38	38	38	35

Statistics on electricity

St. Lucia

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	385	385	383	379	381	391
Combustible fuels	385	385	383	379	381	391
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	385	385	383	379	381	391
Combustible fuels	385	385	383	379	381	391
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	15	15	15	14	14	14
Net production	371	370	368	366	368	378
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	37	37	34	34	30	29
Consumption	333	333	334	332	338	348
Energy industries own use	..	..	..	..	..	..
By industry and construction	19	18	18	18	18	19
By transport	..	..	..	..	..	..
By households and other cons.	315	316	317	314	320	330
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	76	86	86	88	88	88
Combustible fuels	76	86	86	88	88	88
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	76	86	86	88	88	88
Combustible fuels	76	86	86	88	88	88
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	3350	3321	3306	3298	3333	3389
Total input	3350	3321	3306	3298	3333	3389
Total production	1387	1385	1379	1366	1373	1409
Estimated efficiency (% of production to input)	41	42	42	41	41	42

Statistics on electricity

St. Pierre-Miquelon

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	45	43	47	48	49	49
Combustible fuels	44	43	46	48	49	49
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	0	0	0
Main activity	45	43	47	48	49	49
Combustible fuels	44	43	46	48	49	49
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	0	0	0
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	45	43	47	48	49	49
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2	3	2	2	4	4
Consumption	44	41	45	46	45	45
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	44	41	45	46	45	45
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	27	27	28	26	25	25
Combustible fuels	26	26	27	26	25	25
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	0	0	0
Main activity	27	27	28	26	25	25
Combustible fuels	26	26	27	26	25	25
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	1	1	1	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*482	*464	*490	*516	*516	*516
Total input	*482	*464	*490	*516	*516	*516
Total production	159	153	164	174	175	176
Estimated efficiency (% of production to input)	33	33	34	34	34	34

Statistics on electricity

St. Vincent-Grenadines

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*145	*139	*139	*157	*166	*136
Combustible fuels	*114	*114	*114	*132	*140	*110
Hydro	*31	25	25	25	26	*26
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*145	*139	*139	*157	*166	*136
Combustible fuels	*114	*114	*114	*132	*140	*110
Hydro	*31	25	25	25	26	*26
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*4	3	*5	*4	*4	0
Net production	*141	*136	*134	*153	*162	*136
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*11	9	*9	*12	*12	10
Consumption	123	123	125	*140	*150	*144
Energy industries own use	..	..	..	..	..	..
By industry and construction	7	7	7	*7	*8	*7
By transport	..	..	..	..	..	..
By households and other cons.	116	116	119	*133	*142	*137
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*58	*58	*58	*58	53	53
Combustible fuels	*46	*46	*46	*46	46	46
Hydro	*13	*13	*13	*13	6	6
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Main activity	*58	*58	*58	*58	53	53
Combustible fuels	*46	*46	*46	*46	46	46
Hydro	*13	*13	*13	*13	6	6
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	*1161	*1290	*1118	*1290	*1333	*1226
Total input	*1161	*1290	*1118	*1290	*1333	*1226
Total production	*411	*411	*410	*477	*504	*396
Estimated efficiency (% of production to input)	35	32	37	37	38	32

Statistics on electricity

State of Palestine

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	569	461	534	339	515	537
Combustible fuels	569	461	534	339	515	537
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	569	461	534	339	515	537
Combustible fuels	569	461	534	339	515	537
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	569	461	534	339	515	537
Imports	4622	4909	4734	4935	5413	5473
Exports	..	..	..	..	..	..
Losses	1292	537	527	633	711	721
Consumption	3506	4846	4743	4642	5216	5289
Energy industries own use	..	..	..	..	..	..
By industry and construction	*299	*1026	405	527	576	584
By transport	..	..	..	..	..	..
By households and other cons.	3207	3820	4339	4115	4640	4705
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	140	140	140	140	140	140
Combustible fuels	140	140	140	140	140	140
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	140	140	140	140	140	140
Combustible fuels	140	140	140	140	140	140
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Motor gasoline	89	257	354	337	443	403
Gas-diesel oil	5199	3904	4455	2989	3939	4094
Total input	5287	4161	4809	3325	4382	4497
Total production	2049	1660	1923	1219	1853	1934
Estimated efficiency (% of production to input)	39	40	40	37	42	43

Statistics on electricity
Sudan

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	..	9510	10607	11376	13047	14429
Combustible fuels	..	2891	2290	2463	4627	6378
Hydro	..	6619	8317	8913	8420	8051
Nuclear
Other
Main activity	..	9436	10287	11376	13047	14429
Combustible fuels	..	2817	1970	2463	4627	6378
Hydro	..	6619	8317	8913	8420	8051
Nuclear
Other
Own use in electricity, CHP and heat plants	..	106	356	43	47	53
Net production	..	9404	10251	11333	13000	14376
Imports
Exports
Losses	..	1794	2356	1072	1854	1862
Consumption	..	7611	7895	10261	11146	12514
Energy industries own use
By industry and construction	..	1125	1279	1628	1512	1794
By transport
By households and other cons.	..	6486	6616	8633	9634	10720
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	..	2877	3136	*3136	3120	3338
Combustible fuels	..	1287	1543	*1543	1527	1745
Hydro	..	1590	1593	*1593	1593	1593
Nuclear
Other
Main activity	..	2877	3136	*3136	3120	3338
Combustible fuels	..	1287	1543	*1543	1527	1745
Hydro	..	1590	1593	*1593	1593	1593
Nuclear
Other
Combustible fuel input	Terajoules					
Crude oil	19966	46657
Gas-diesel oil	..	10922	11051	11309	15394	15652
Fuel oil	..	14423	*9211	16685	17251	18948
Other oil products	0	0	..
Total input	..	25345	20262	27994	52610	81257
Total production	..	10408	8244	8867	16657	22961
Estimated efficiency (% of production to input)	..	41	41	32	32	28

Statistics on electricity

Suriname

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1869	1961	2035	2073	2084	2027
Combustible fuels	501	849	932	1276	1378	1239
Hydro	1368	1112	1103	797	702	783
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	*4	*4
Main activity	264	515	552	751	762	577
Combustible fuels	264	515	552	751	757	573
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	*4	*4
Own use in electricity, CHP and heat plants	97	83	85	73	70	34
Net production	1772	1877	1950	2000	2014	1993
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	176	178	197	190	242	217
Consumption	1641	1668	1737	1768	1772	1776
Energy industries own use	..	..	..	..	..	..
By industry and construction	786	747	741	727	716	*855
By transport	..	..	..	..	..	..
By households and other cons.	855	921	996	1041	1057	921
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	466	466	536	496	501	*501
Combustible fuels	277	277	347	307	307	*307
Hydro	189	189	189	189	189	189
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	5	*5
Main activity	154	154	224	184	189	*189
Combustible fuels	154	154	224	184	184	*184
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	5	*5
Combustible fuel input	Terajoules					
Gas-diesel oil	710	856	1028	731	753	674
Fuel oil	11672	12290	12972	13756	13866	12420
Natural gas	172	175	179	149	152	136
Total input	12553	13321	14179	14636	14771	13230
Total production	1802	3056	3356	4595	4960	4461
Estimated efficiency (% of production to input)	14	23	24	31	34	34

Statistics on electricity

Sweden

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	150376	166562	153166	153662	162058	156010
Combustible fuels	17256	16283	15336	13632	13906	15150
Hydro	66556	79058	61496	63872	75439	62137
Nuclear	60475	64037	66457	64877	56348	63101
Other	6089	7184	9877	11281	16365	15622
Main activity	144361	160212	147312	147865	156231	150272
Combustible fuels	11256	9950	9492	7847	8090	9423
Hydro	66541	79041	61486	63860	75428	62126
Nuclear	60475	64037	66457	64877	56348	63101
Other	6089	7184	9877	11281	16365	15622
Own use in electricity, CHP and heat plants	3440	3732	3627	3706	3067	3479
Net production	146936	162830	149539	149956	158991	152531
Imports	12481	11682	12674	13852	9294	14287
Exports	19714	31255	22676	29475	31894	26022
Losses	10569	10961	10003	7334	6246	7625
Consumption	127802	130503	128075	125195	127983	130784
Energy industries own use	3174	3217	3059	3004	3124	3288
By industry and construction	53802	54077	52014	50730	50281	50289
By transport	2640	2685	2750	2615	2595	2664
By households and other cons.	68186	70524	70252	68846	71983	74543
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	36629	39084	39118	39939	40914	41522
Combustible fuels	7945	9600	8970	9270	8945	8689
Hydro	16580	16417	16503	16005	16337	16478
Nuclear	9323	9436	9408	9507	9688	9768
Other	2781	3631	4237	5157	5944	6587
Main activity	35227	37843	37915	38736	39712	40316
Combustible fuels	6546	8362	7776	8076	7751	7495
Hydro	16577	16414	16494	15996	16329	16466
Nuclear	9323	9436	9408	9507	9688	9768
Other	2781	3631	4237	5157	5944	6587
Combustible fuel input	Terajoules					
Hard Coal	10500	9167	12813	8423	8255	5358
Peat	11115	8884	7588	5261	4441	4870
Gas-diesel oil	2107	1419	946	86	1333	1892
Fuel oil	5656	5939	3596	3192	1454	2707
Natural gas	21808	14942	14963	7695	8082	11451
Blast furnace gas	7235	5630	5122	5749	5435	5608
Fuelwood	*103349	*131404	*128628	*121842	*124449	*135091
Municipal waste	45724	49735	53494	56454	58887	61789
Industrial waste	1211	764	1087	863	749	746
Other recovered gases	628	1747	1662	1648	1542	1951
Others	1770	850	2312	1483	1467	1646
Total input	211103	*230481	*232211	*212695	*216095	*233108
Total production	62122	58619	55210	49075	50062	54540
Estimated efficiency (% of production to input)	29	25	24	23	23	23

Statistics on electricity

Switzerland

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	64631	69845	70227	71767	67720	63175
Combustible fuels	3550	3711	3679	3566	3521	3898
Hydro	34133	40305	39968	39701	39881	36689
Nuclear	26710	25441	25990	27557	23089	21146
Other	238	388	590	943	1229	1442
Main activity	59215	63828	63915	64902	60625	55986
Combustible fuels	785	812	700	457	425	681
Hydro	31650	37487	37135	36787	37001	34050
Nuclear	26710	25441	25990	27557	23089	21146
Other	70	88	90	101	110	109
Own use in electricity, CHP and heat plants	1666	1681	1699	1759	1565	1469
Net production	62965	68164	68528	70008	66155	61706
Imports	34824	31549	29874	28530	34033	34096
Exports	32237	33749	32270	34021	35068	30173
Losses	4487	4581	4677	4696	4577	4468
Consumption	61052	61370	61445	59812	60535	61152
Energy industries own use	2466	2411	2132	2355	2296	2922
By industry and construction	19205	19028	18767	18019	17989	17761
By transport	3061	3094	3142	3069	3136	3200
By households and other cons.	36320	36837	37404	36369	37114	37269
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	18234	18584	18932	19165	19618	20839
Combustible fuels	918	1018	1021	993	1016	961
Hydro	13769	13802	13817	13743	13815	14806
Nuclear	3278	3278	3278	3308	3333	3333
Other	269	486	816	1121	1454	1739
Main activity	16844	16838	16861	16813	16957	17736
Combustible fuels	240	291	291	263	260	217
Hydro	13280	13220	13232	13182	13304	14111
Nuclear	3278	3278	3278	3308	3333	3333
Other	46	49	60	60	60	75
Combustible fuel input	Terajoules					
Biogas	1451	1653	1803	1898	1990	2146
Gas-diesel oil	301	387	301	301	344	258
Fuel oil	0	0	0	..	..	..
Liquefied petroleum gas	47	47	47	47	47	47
Natural gas	8714	7845	6028	3321	4639	6679
Fuelwood	*4579	*5614	*6161	*6041	4944	5550
Municipal waste	39768	40764	40544	41292	42832	44564
Industrial waste	1833	1919	1920	2002	881	834
Total input	56693	58229	56804	54902	55677	60078
Total production	12780	13360	13244	12838	12676	14033
Estimated efficiency (% of production to input)	23	23	23	23	23	23

Statistics on electricity

Syrian Arab Republic

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	42025	31188	25933	21726	17881	18112
Combustible fuels	38742	27951	22933	18726	17468	17183
Hydro	3283	3237	3000	3000	413	929
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	40965	30436	25435	21229	17383	17556
Combustible fuels	37682	27199	22435	18229	16970	16627
Hydro	3283	3237	3000	3000	413	929
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	4802	3564	2963	2482	2043	2070
Net production	37223	27624	22970	19244	15838	16042
Imports	902	..	..	..	..	..
Exports	1192	0	529	138	262	67
Losses	6461	5010	3636	3353	2611	2842
Consumption	30472	22614	18805	15753	12965	13133
Energy industries own use	..	..	..	..	..	..
By industry and construction	10248	7605	6324	5298	4360	4417
By transport	..	..	..	..	..	..
By households and other cons.	20224	15009	12481	10455	8605	8716
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8206	*8206	8206	*9603	*9122	9686
Combustible fuels	7356	*7356	7356	*8109	*7550	8192
Hydro	850	*850	850	1494	1572	1494
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	7210	*7210	7210	*8508	*8027	8774
Combustible fuels	6360	*6360	6360	*7014	*6455	7280
Hydro	850	*850	850	1494	1572	1494
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	18963	13459	8901	8901	8901	9933
Fuel oil	152712	108393	64115	43874	49288	63590
Natural gas	242805	198995	163515	151174	132663	115694
Total input	414480	320847	236531	203949	190852	189217
Total production	139471	100624	82559	67414	62885	61859
Estimated efficiency (% of production to input)	34	31	35	33	33	33

Statistics on electricity
T.F.Yug.Rep. Macedonia

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6759	6262	6094	5374	5646	5630
Combustible fuels	5325	5218	4501	4082	3617	3563
Hydro	1433	1041	1584	1207	1865	1897
Nuclear	..	..	..	..	..	..
Other	1	3	9	85	164	169
Main activity	6757	6260	6092	5373	5646	5630
Combustible fuels	5322	5217	4499	4081	3617	3563
Hydro	1433	1041	1584	1207	1865	1897
Nuclear	..	..	..	..	..	..
Other	1	3	9	85	164	169
Own use in electricity, CHP and heat plants	491	478	434	412	380	358
Net production	6268	5784	5660	4961	5266	5272
Imports	2749	2741	2491	3073	2656	2191
Exports	73	72	62	113	143	160
Losses	1388	1296	1152	1069	1035	1007
Consumption	7557	7157	6937	6852	6743	6296
Energy industries own use	178	152	136	123	108	103
By industry and construction	2506	2206	2261	2222	1976	1591
By transport	17	17	17	19	17	14
By households and other cons.	4856	4782	4523	4489	4642	4588
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1644	1706	1731	1759	1790	1793
Combustible fuels	1086	1107	1107	1077	1074	1074
Hydro	556	595	617	630	658	660
Nuclear	..	..	..	..	..	..
Other	2	4	7	52	58	59
Main activity	1641	1703	1728	1756	1790	1793
Combustible fuels	1083	1104	1104	1074	1074	1074
Hydro	556	595	617	630	658	660
Nuclear	..	..	..	..	..	..
Other	2	4	7	52	58	59
Combustible fuel input	Terajoules					
Brown Coal	58284	55961	45809	43856	38046	33979
Biogas	..	..	..	..	75	134
Gas-diesel oil	0	..	..	..	..	..
Fuel oil	710	935	1246	1663	1584	1130
Liquefied petroleum gas	0	0	0	0	0	..
Refinery gas	0	0	0	0	0	..
Natural gas	1216	3091	3443	1713	1481	4603
Fuelwood	0	0	0	0	0	..
Total input	60210	59988	50498	47232	41185	39846
Total production	19169	18785	16204	14695	13023	12827
Estimated efficiency (% of production to input)	32	31	32	31	32	32

Statistics on electricity

Tajikistan

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	16234	16998	17115	16472	17162	17232
Combustible fuels	38	74	44	160	302	608
Hydro	16196	16924	17071	16312	16860	16624
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	16234	16998	17115	16472	17162	17232
Combustible fuels	38	74	44	160	302	608
Hydro	16196	16924	17071	16312	16860	16624
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	90	91	90	24	25	36
Net production	16144	16907	17025	16448	17137	17196
Imports	172	114	117	13	63	103
Exports	197	775	1061	1366	1400	1427
Losses	2271	2445	2528	2804	2700	2746
Consumption	13752	13777	13553	12407	12511	12986
Energy industries own use	66	66	66	63	65	64
By industry and construction	6450	6344	5496	4132	4186	4758
By transport	161	37	38	41	50	72
By households and other cons.	7075	7330	7953	8171	8210	8092
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	5079	6168	6185	6280	6283	6577
Combustible fuels	324	314	318	421	422	719
Hydro	4755	5854	5867	5859	5861	5858
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	5079	6168	6185	6280	6283	6577
Combustible fuels	324	314	318	421	422	719
Hydro	4755	5854	5867	5859	5861	5858
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	..	..	706	2044	3047	*4515
Natural gas	728	933	..	..	..	..
Total input	728	933	706	2044	3047	*4515
Total production	137	266	158	576	1087	2189
Estimated efficiency (% of production to input)	19	29	22	28	36	48

Statistics on electricity
Thailand

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	155991	166642	170148	172259	177479	191321
Combustible fuels	147727	157253	163014	165028	170028	180615
Hydro	8163	8754	5748	5540	4743	6983
Nuclear	..	..	..	..	..	..
Other	101	635	1386	1691	2708	3723
Main activity	138288	148403	139729	139778	141712	139183
Combustible fuels	130116	139408	133459	133726	136324	131422
Hydro	8163	8754	5748	5540	4743	6983
Nuclear	..	..	..	..	..	..
Other	9	241	522	512	645	778
Own use in electricity, CHP and heat plants	5490	5345	6220	5931	3338	3300
Net production	150501	161297	163928	166328	174141	188021
Imports	10682	10330	12569	12260	14414	19825
Exports	1645	1911	1279	1594	2267	1385
Losses	10833	9502	10340	10545	11782	12225
Consumption	148700	161749	164322	178991	183627	194248
Energy industries own use	..	..	..	..	..	..
By industry and construction	63418	67105	68606	82623	83982	88878
By transport	106	103	164	165	171	189
By households and other cons.	85176	94541	95552	96203	99474	105181
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	49750	52547	54438	55452	58007	60257
Combustible fuels	45233	46289	47250	48238	51403	53653
Hydro	*3488	*3488	3418	3444	2952	2952
Nuclear	..	..	..	..	..	..
Other	*1029	*2770	*3770	*3770	*3652	*3652
Main activity	32779	35576	36464	37478	40033	42283
Combustible fuels	29262	30318	31276	32264	35429	37679
Hydro	*3488	*3488	3418	3444	2952	2952
Nuclear	..	..	..	..	..	..
Other	*29	*1770	1770	1770	1652	*1652
Combustible fuel input	Terajoules					
Hard Coal	181579	170343	223334	224205	216529	220617
Brown Coal	208369	203427	204993	182557	155355	174281
Biogas	4141	1564	7395	7564	8832	8282
Gas-diesel oil	731	1849	2537	1548	2021	2795
Fuel oil	16887	19150	12322	14665	7434	3030
Natural gas	892064	955775	976868	1027756	1076946	1045586
Fuelwood	*82066	*69314	*98537	*160849	*147605	*86797
Bagasse	*186482	*221809	*238965	*278054	*225232	*271799
Municipal waste	127	423	592	592	5789	1225
Total input	1572446	1643653	1765543	1897789	1845743	1814412
Total production	531817	566111	586850	594101	612101	650214
Estimated efficiency (% of production to input)	34	34	33	31	33	36

Statistics on electricity

Timor-Leste

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	140	126	295	349	350	413
Combustible fuels	140	126	295	349	350	413
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	140	126	295	349	350	413
Combustible fuels	140	126	295	349	350	413
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	7	6	18	21	21	0
Net production	133	120	277	328	329	413
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*28	*26	*60	*70	*75	*80
Consumption	105	94	*217	*258	254	333
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	105	94	*217	*258	254	333
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*50	51	139	287	*161	272
Combustible fuels	*50	51	138	286	*160	271
Hydro	..	..	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*50	51	139	287	*161	272
Combustible fuels	*50	51	138	286	*160	271
Hydro	..	..	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*1677	*1505	*3526	*4042	*4012	*4554
Total input	*1677	*1505	*3526	*4042	*4012	*4554
Total production	504	454	1062	1256	1261	1485
Estimated efficiency (% of production to input)	30	30	30	31	31	33

Statistics on electricity

Togo

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	320	399	360	358	444	950
Combustible fuels	119	234	286	233	383	742
Hydro	202	165	74	125	61	208
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	309	388	353	347	432	937
Combustible fuels	108	223	279	222	371	729
Hydro	202	165	74	125	61	208
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	6	11	13	7	16	26
Net production	314	389	347	351	428	924
Imports	696	679	773	857	857	448
Exports	..	..	..	..	..	..
Losses	163	164	183	186	184	188
Consumption	847	904	937	1023	1138	1185
Energy industries own use	..	..	..	..	..	..
By industry and construction	253	277	271	309	387	413
By transport	..	..	..	..	..	..
By households and other cons.	594	627	666	714	751	772
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	201	227	227	227	227	213
Combustible fuels	134	160	160	160	160	158
Hydro	67	67	67	67	67	55
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	193	219	219	219	219	205
Combustible fuels	126	152	152	152	152	150
Hydro	67	67	67	67	67	55
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	90	275	237	185	305	172
Fuel oil	533	1026	1382	598	1402	5239
Natural gas	*311	654	844	1481	1467	262
Vegetal waste	72	72	74	76	83	87
Kerosene-type jet fuel	44	88	88	88	88	88
Total input	1051	2115	2624	2428	3345	5849
Total production	427	843	1031	839	1380	2671
Estimated efficiency (% of production to input)	41	40	39	35	41	46

Statistics on electricity
Tonga

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	53	52	53	55	55	60
Combustible fuels	53	52	51	52	52	55
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	2	2	3	5
Main activity	53	52	53	55	55	60
Combustible fuels	53	52	51	52	52	55
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	2	2	3	5
Own use in electricity, CHP and heat plants	2	2	2	2	1	2
Net production	51	50	51	53	54	58
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	7	6	5	5	5	5
Consumption	*45	*45	*46	*48	*49	*53
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*45	*45	*46	*48	*49	*53
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*14	*14	*15	*16	*17	20
Combustible fuels	*14	*14	*14	*14	*15	17
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	*1	*2	*2	2
Main activity	*14	*14	*15	*16	*17	20
Combustible fuels	*14	*14	*14	*14	*15	17
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	*1	*2	*2	2
Combustible fuel input	Terajoules					
Gas-diesel oil	477	0	..	..	..	..
Fuel oil	..	493	493	492	487	*518
Total input	477	493	493	492	487	*518
Total production	191	189	185	187	188	199
Estimated efficiency (% of production to input)	40	38	37	38	39	38

Statistics on electricity
Trinidad and Tobago

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	8776	9136	9509	9899	10304	10716
Combustible fuels	8772	9132	9505	9895	10300	10712
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	4	4	4	4	4
Main activity	8700	9057	9427	9813	10215	10624
Combustible fuels	8700	9057	9427	9813	10215	10624
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	323	336	350	364	379	394
Net production	8453	8800	9159	9535	9925	10322
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	243	239	234	228	221	206
Consumption	8211	8560	8926	9306	9703	10092
Energy industries own use	..	..	..	..	..	..
By industry and construction	4964	5175	5396	5626	5866	6101
By transport	..	..	..	..	..	..
By households and other cons.	3247	3385	3530	3680	3837	3991
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2331	2601	2601	2601	2601	2601
Combustible fuels	2328	2598	2598	2598	2598	2598
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	3	3	3	3	3	3
Main activity	2132	2402	2402	2402	2402	2402
Combustible fuels	2132	2402	2402	2402	2402	2402
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	215	215	215	215	215	301
Fuel oil	..	..	..	..	..	2868
Other oil products	0	0	0	0	80	201
Natural gas	122343	122678	122343	121136	118721	109063
Total input	122558	122893	122558	121351	119016	112433
Total production	31579	32875	34218	35622	37080	38563
Estimated efficiency (% of production to input)	26	27	28	29	31	34

Statistics on electricity
Tunisia

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	16497	18059	18382	19024	19676	19808
Combustible fuels	16142	17537	17740	18254	18904	19002
Hydro	54	110	60	56	69	45
Nuclear	..	..	..	..	..	..
Other	301	412	582	714	703	761
Main activity	15801	17425	17637	18257	18691	18634
Combustible fuels	15638	17119	17219	17694	18174	18115
Hydro	54	110	60	56	69	45
Nuclear	..	..	..	..	..	..
Other	109	196	358	507	448	474
Own use in electricity, CHP and heat plants	583	647	641	653	559	492
Net production	15914	17412	17741	18371	19117	19316
Imports	131	384	177	536	403	134
Exports	161	426	233	625	500	255
Losses	2255	2735	2707	2842	3166	3052
Consumption	13611	14632	14970	15418	16377	16001
Energy industries own use	372	246	241	228	940	432
By industry and construction	4780	5113	5305	5445	5478	5423
By transport	87	96	93	93	94	96
By households and other cons.	8372	9177	9331	9652	9865	10050
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	4217	4279	4539	5005	5447	5513
Combustible fuels	4101	4041	4270	4695	5120	5174
Hydro	62	62	62	62	62	62
Nuclear	..	..	..	..	..	..
Other	54	176	207	248	265	277
Main activity	4024	4117	4334	4792	5224	5278
Combustible fuels	3909	3882	4072	4497	4922	4976
Hydro	62	62	62	62	62	62
Nuclear	..	..	..	..	..	..
Other	53	173	200	233	240	240
Combustible fuel input	Terajoules					
Gas-diesel oil	129	43	43	43	146	86
Fuel oil	0	0	646	3394	9534	687
Natural gas	153722	165591	167834	173915	167766	169416
Total input	153851	165634	168523	177352	177447	170189
Total production	58111	63133	63864	65714	68054	68407
Estimated efficiency (% of production to input)	38	38	38	37	38	40

Statistics on electricity
Turkey

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	229393	239496	240154	251963	261783	274408
Combustible fuels	171532	174760	171535	200079	178871	185085
Hydro	52338	57865	59420	40645	67146	67231
Nuclear	..	..	..	..	..	..
Other	5523	6871	9199	11239	15766	22092
Main activity	217130	226225	226756	233781	243163	253746
Combustible fuels	160617	163261	159495	183126	161979	166450
Hydro	51098	56207	58344	39764	65924	66386
Nuclear	..	..	..	..	..	..
Other	5415	6757	8917	10891	15260	20910
Own use in electricity, CHP and heat plants	11835	11789	11177	12514	11883	12471
Net production	217558	227707	228977	239449	249900	261937
Imports	4556	5827	7429	7953	7136	6330
Exports	3645	2954	1227	2696	3195	1452
Losses	32369	35657	37134	37331	36528	35611
Consumption	186100	194923	198045	207375	217313	231204
Energy industries own use	2107	2027	1877	1933	2504	2806
By industry and construction	85874	90275	91384	95844	101031	105491
By transport	657	799	826	916	1062	1156
By households and other cons.	97462	101822	103958	108682	112716	121751
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	52911	57059	64007	69541	73147	78497
Combustible fuels	33909	35005	38590	41730	41810	44278
Hydro	17137	19609	22289	23643	25868	26681
Nuclear	..	..	..	..	..	..
Other	1865	2445	3128	4168	5469	7538
Main activity	49863	53753	60481	65216	68694	73220
Combustible fuels	31428	32266	35671	38047	37999	40055
Hydro	16593	19065	21745	23099	25324	26131
Nuclear	..	..	..	..	..	..
Other	1842	2422	3065	4070	5371	7034
Combustible fuel input	Terajoules					
Hard Coal	272016	320640	318688	373458	423837	479342
Brown Coal	563988	475756	479314	568241	431698	518993
Biogas	3037	5387	8511	9653	11119	14721
Gas-diesel oil	43	4988	4773	4386	9675	7095
Fuel oil	10100	10504	12605	18342	10585	10342
Natural gas	826120	832166	816124	897578	763792	684008
Coke-oven gas	9015	10257	9375	8965	9296	8328
Blast furnace gas	17968	18213	20524	23648	22876	23748
Fuelwood	*271	*534	*588	*589	*556	*986
Industrial waste	235	210	184	144	1362	2067
Others	0	..	..	..	..	..
Total input	1702793	1678655	1670686	1905003	1684796	1749630
Total production	617515	629136	617526	720284	643936	666306
Estimated efficiency (% of production to input)	36	37	37	38	38	38

Statistics on electricity

Turkmenistan

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	17220	17750	18870	20400	22534	22534
Combustible fuels	17220	17750	18870	20400	22534	22534
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	17220	17750	18870	20400	22534	22534
Combustible fuels	17220	17750	18870	20400	22534	22534
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1301	1341	1426	1542	1703	1703
Net production	15919	16409	17444	18858	20831	20831
Imports	..	..	..	..	..	..
Exports	2550	2720	2850	3210	3201	3201
Losses	2190	2235	2385	2547	2895	2895
Consumption	11179	11454	12209	13101	14735	14735
Energy industries own use	1717	1759	1875	2012	2262	2262
By industry and construction	3414	3498	3729	4001	4500	4500
By transport	245	251	268	288	324	324
By households and other cons.	5803	5946	6337	6800	7649	7649
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*3200	*3400	*3800	*4000	*4000	4674
Combustible fuels	*3200	*3400	*3800	*4000	*4000	4674
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*3200	*3400	*3800	*4000	*4000	4674
Combustible fuels	*3200	*3400	*3800	*4000	*4000	4674
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Natural gas	347460	359318	364393	371853	410752	410752
Total input	347460	359318	364393	371853	410752	410752
Total production	61992	63900	67932	73440	81122	81122
Estimated efficiency (% of production to input)	18	18	19	20	20	20

Statistics on electricity

Turks and Caicos Islands

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*207	*210	*209	*227	*239	*250
Combustible fuels	*207	*210	*209	*227	*239	*250
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*207	*210	*209	*227	*239	*250
Combustible fuels	*207	*210	*209	*227	*239	*250
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*4	*4	*4	*5	*5	*5
Net production	*203	*206	*205	*222	*234	*245
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*11	*12	*12	*13	*14	*15
Consumption	192	194	193	209	*220	230
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	192	194	193	209	*220	230
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	65	76	76	79	82	82
Combustible fuels	65	76	76	79	82	82
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	65	76	76	79	82	82
Combustible fuels	65	76	76	79	82	82
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*2236	*2236	*2236	*2408	*2494	*2580
Total input	*2236	*2236	*2236	*2408	*2494	*2580
Total production	*745	*756	*752	*817	*860	*900
Estimated efficiency (% of production to input)	33	34	34	34	34	35

Statistics on electricity
Tuvalu

Item	2011	2012	2013	2014	2015	2016
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	5	*5	*5	*5	*7	*8
Combustible fuels	5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	2	*3
Main activity	5	*5	*5	*5	*7	*8
Combustible fuels	5	*5	*5	*5	*5	*5
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	2	*3
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	5	*5	*5	*5	*7	*8
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	5	*5	*5	*5	*7	*8
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	5	*5	*5	*5	*7	*8
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*3	*3	3	3	*4	*5
Combustible fuels	*3	*3	3	3	*3	*2
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	*3
Main activity	*3	*3	3	3	*4	*5
Combustible fuels	*3	*3	3	3	*3	*2
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	*3
Combustible fuel input	Terajoules					
Gas-diesel oil	68	*69	*69	*69	*69	*69
Total input	68	*69	*69	*69	*69	*69
Total production	18	*18	*18	*18	*18	*18
Estimated efficiency (% of production to input)	27	27	27	27	27	27