

Statistics on electricity
Uganda

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3416	3223	3300	3508	3854	4040
Combustible fuels	128	352	247	244	381	405
Hydro	3289	2871	3052	3261	3447	3602
Nuclear	..	..	..	..	..	..
Other	..	..	..	4	25	32
Main activity	2939	2699	2819	3037	3440	3389
Combustible fuels	2	138	73	66	231	199
Hydro	2937	2561	2745	2967	3183	3158
Nuclear	..	..	..	..	..	..
Other	..	..	..	4	25	32
Own use in electricity, CHP and heat plants	10	0	0	0	0	0
Net production	3406	3223	3300	3508	3854	4040
Imports	46	33	49	54	65	84
Exports	106	168	122	165	317	233
Losses	714	728	713	765	755	789
Consumption	2658	2289	2487	2594	2802	3067
Energy industries own use	..	..	..	..	..	..
By industry and construction	1358	1450	1581	1664	1805	2012
By transport	..	..	..	..	..	..
By households and other cons.	1300	839	906	930	997	1055
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	828	851	861	872	913	984
Combustible fuels	136	156	166	166	178	198
Hydro	692	695	695	695	712	744
Nuclear	..	..	..	..	..	..
Other	..	..	..	11	22	42
Main activity	730	732	732	742	752	772
Combustible fuels	100	102	102	102	102	102
Hydro	630	630	630	630	630	630
Nuclear	..	..	..	..	..	..
Other	..	..	..	11	21	41
Combustible fuel input	Terajoules					
Gas-diesel oil	*22	..	43	..	..	..
Fuel oil	..	*1240	723	*1030	*3515	3015
Bagasse	*2413	*4112	*3305	*3614	*3050	*4255
Total input	*2435	*5352	*4072	*4644	*6565	*7269
Total production	459	1265	890	878	1371	1459
Estimated efficiency (% of production to input)	19	24	22	19	21	20

Statistics on electricity

Ukraine

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	194377	182815	163682	164573	156037	159852
Combustible fuels	95487	83549	67523	72795	58173	61115
Hydro	14472	9318	6971	9304	10520	12007
Nuclear	83209	88389	87627	80950	85576	84398
Other	1209	1559	1561	1524	1768	2332
Main activity	191177	179888	161468	158806	152061	157194
Combustible fuels	92310	80644	65328	67136	54274	58504
Hydro	14450	9299	6954	9281	10516	12005
Nuclear	83209	88389	87627	80950	85576	84398
Other	1208	1556	1559	1439	1695	2287
Own use in electricity, CHP and heat plants	15293	14385	13032	12684	11131	12755
Net production	179084	168430	150650	151889	144906	147097
Imports	39	89	2241	77	50	32
Exports	9929	8523	3591	3830	5226	6099
Losses	20714	19615	17442	16626	16787	16996
Consumption	148480	134981	126024	125257	122943	124034
Energy industries own use	10949	6594	7035	7817	5577	5377
By industry and construction	58584	54401	49963	49941	50235	51727
By transport	8690	8072	6807	6796	7044	6955
By households and other cons.	70257	65914	62219	60703	60087	59975
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	55914	55843	55904	57335	52764	51508
Combustible fuels	35616	35335	35335	36475	31492	29753
Hydro	5489	5851	5883	6172	6213	6243
Nuclear	13835	13835	13835	13835	13835	13835
Other	974	822	851	853	1224	1677
Main activity	52578	52910	53145	53866	50499	49369
Combustible fuels	32290	32410	32584	33013	29265	27662
Hydro	5484	5847	5878	6167	6206	6238
Nuclear	13835	13835	13835	13835	13835	13835
Other	969	818	848	851	1193	1634
Combustible fuel input	Terajoules					
Hard Coal	972367	855610	691875	739606	596334	634191
Biogas	..	..	161	596	865	1565
Gas-diesel oil	301	258	215	301	430	559
Fuel oil	3192	2020	11029	24280	21210	6989
Other oil products	1769	1648	804	1005	925	4543
Natural gas	240341	204757	169205	157126	145990	178481
Coke-oven gas	26254	10037	6939	9809	14391	15911
Blast furnace gas	26079	23785	18013	25568	26744	28839
Fuelwood	..	6732	8651	0	0	4312
Peat products	0	0	127	176	195	156
Others	594	9648	9677	-35576	47	47
Total input	1270896	1114495	916695	922891	807131	875593
Total production	343753	300776	243083	262062	209423	220014
Estimated efficiency (% of production to input)	27	27	27	28	26	25

Statistics on electricity
United Arab Emirates

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	109979	116528	127366	129596	134553	135997
Combustible fuels	109926	116237	127075	129287	133761	134694
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	53	291	291	309	792	1303
Main activity	109979	116528	127366	129596	134553	135997
Combustible fuels	109926	116237	127075	129287	133761	134694
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	53	291	291	309	792	1303
Own use in electricity, CHP and heat plants	4616	4843	4429	2392	7487	4726
Net production	105363	111685	122937	127204	127066	131271
Imports	226	248	234	1141	514	488
Exports	242	276	249	506	617	517
Losses	7623	8363	9141	9697	11718	8436
Consumption	95365	101174	111076	*113929	115245	122836
Energy industries own use	..	..	..	..	..	..
By industry and construction	13564	11196	12973	*13983	15071	13850
By transport	..	..	..	..	..	..
By households and other cons.	81801	89978	98103	*99946	100174	108986
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	27858	28829	28745	28761	30371	*30934
Combustible fuels	27735	28706	28622	28638	30048	*30349
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	123	123	123	123	323	585
Main activity	27858	28829	28745	28761	30371	*30934
Combustible fuels	27735	28706	28622	28638	30048	*30349
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	123	123	123	123	323	585
Combustible fuel input	Terajoules					
Gas-diesel oil	*28982	21887	23521	*23650	22747	24394
Fuel oil	*2141	1899	2020	*2141	*2141	*2182
Natural gas	*1271764	*1366572	*1248672	1349892	1383323	1384793
Total input	*1302887	*1390358	*1274213	1375683	1408211	1411369
Total production	395734	418453	457470	465433	481540	484898
Estimated efficiency (% of production to input)	30	30	36	34	34	34

Statistics on electricity
United Kingdom

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	358290	338100	339573	339899	338640	333424
Combustible fuels	249666	229566	212381	212258	198418	190601
Hydro	7605	8771	9037	8353	8774	7988
Nuclear	70607	63748	70345	71726	70336	65064
Other	30412	36015	47810	47562	61112	69771
Main activity	320575	296460	290768	287285	282740	275454
Combustible fuels	219497	198432	178115	175901	161421	152229
Hydro	6513	7518	7646	6910	7051	6325
Nuclear	70607	63748	70345	71726	70336	65064
Other	23958	26762	34662	32748	43932	51836
Own use in electricity, CHP and heat plants	17856	16483	12125	16088	15940	15957
Net production	340434	321617	327448	323811	322700	317467
Imports	17532	23244	22961	20018	18167	21332
Exports	3101	2723	1855	2273	3407	2225
Losses	26550	27448	28607	26356	26808	26599
Consumption	328251	314691	314722	315310	310654	309975
Energy industries own use	11893	11753	11137	11170	10971	10215
By industry and construction	97067	93157	93044	93424	92342	93135
By transport	4352	4505	4516	4690	4833	4983
By households and other cons.	214939	205276	206025	206026	202508	201642
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	93620	96622	96395	97739	109286	108280
Combustible fuels	65034	63600	58316	55437	62767	59278
Hydro	4453	4474	4677	4736	4773	4779
Nuclear	9906	9937	9487	9497	9361	9314
Other	14227	18611	23915	28069	32385	34909
Main activity	82477	81780	78936	77571	82980	81612
Combustible fuels	59171	57085	51961	48730	50057	46055
Hydro	4221	4221	4357	4360	4361	4366
Nuclear	9906	9937	9487	9497	9361	9314
Other	9179	10537	13131	14984	19201	21877
Combustible fuel input	Terajoules					
Hard Coal	1276300	980129	758859	317097	229980	174294
Biogas	81642	84381	91653	98977	99758	97473
Fuel oil	7070	5575	6706	6504	4727	4686
Refinery gas	10989	11732	12128	12425	13019	9257
Natural gas	741128	784213	765476	1073072	1029713	984231
Blast furnace gas	30969	30624	26847	19347	18055	16907
Fuelwood	*68693	*92732	*113588	*120853	*120519	*142025
Vegetal waste	*12649	*19731	*24772	*17767	*30834	*24375
Municipal waste	31890	40538	53310	65750	69686	82584
Industrial waste	4583	8556	9348	16912	7732	7075
Others	13803	12445	11376	7079	7736	7319
Total input	2279715	2070655	1874062	1755783	1631759	1550226
Total production	898798	826438	764572	764129	714305	686164
Estimated efficiency (% of production to input)	39	40	41	44	44	44

Statistics on electricity
United Rep. of Tanzania

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	5988	6258	6772	7216	7250	7230
Combustible fuels	4257	3653	4649	4817	4861	4908
Hydro	1717	2590	2108	2366	2350	2234
Nuclear	..	..	..	..	..	..
Other	14	15	15	33	39	88
Main activity	5974	6243	6757	7183	7211	7142
Combustible fuels	4257	3653	4649	4817	4861	4908
Hydro	1717	2590	2108	2366	2350	2234
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	48	42	43	98	52	0
Net production	5940	6216	6729	7118	7198	7230
Imports	60	59	71	102	106	118
Exports	..	..	..	..	..	..
Losses	1140	1135	1120	1221	1234	1223
Consumption	4850	4991	5265	5388	5952	6460
Energy industries own use	14	15	15	18	19	88
By industry and construction	1223	1270	1362	1358	1525	1719
By transport	..	..	..	..	..	..
By households and other cons.	3613	3706	3888	4012	4408	4653
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1115	1119	1380	1394	1412	1602
Combustible fuels	*546	*546	800	808	829	1015
Hydro	562	562	567	567	562	562
Nuclear	..	..	..	..	..	..
Other	*7	11	13	18	22	25
Main activity	1088	1088	1347	1356	1358	1390
Combustible fuels	*526	*526	780	788	796	829
Hydro	562	562	567	567	562	562
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	8428	5160	9804	14749	15609	15609
Fuel oil	8201	7676	9534	2262	768	283
Natural gas	31411	28623	27590	25558	23505	22181
Bagasse	1242	1152	1152	1242	1297	1297
Total input	49282	42611	48080	43811	41178	39369
Total production	15325	13151	16736	17341	17500	17669
Estimated efficiency (% of production to input)	31	31	35	40	42	45

Statistics on electricity

United States

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4306371	4340371	4317159	4322038	4286423	4455439
Combustible fuels	2985891	2995556	2962870	2886040	2770050	2912042
Hydro	290113	281527	271129	292113	325114	317004
Nuclear	822004	830584	830288	839918	838861	841329
Other	208363	232704	252872	303967	352398	385064
Main activity	4128386	4166530	4139295	4141317	4100487	4262167
Combustible fuels	2822349	2835071	2802188	2725711	2608106	2746062
Hydro	286579	280195	269675	290596	323458	315587
Nuclear	822004	830584	830288	839918	838861	841329
Other	197454	220680	237144	285092	330062	359189
Own use in electricity, CHP and heat plants	212970	216819	207940	202593	200420	218511
Net production	4093401	4123552	4109219	4119445	4086003	4236928
Imports	70355	66511	75770	69601	65685	58261
Exports	11353	13298	9100	9329	9371	13804
Losses	255322	255322	255322	234807	244112	211136
Consumption	3897081	3921443	3920567	3944910	3898205	4070247
Energy industries own use	129517	132489	139731	137199	160088	169372
By industry and construction	846485	821040	806248	796896	778436	772827
By transport	7234	7605	8872	10605	11089	12283
By households and other cons.	2913845	2960309	2965716	3000210	2948592	3115765
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1065293	1074544	1072470	1086849	1100333	1119131
Combustible fuels	787297	787407	771732	764787	762765	767009
Hydro	101589	102162	102239	102692	102703	102801
Nuclear	99240	98569	98672	99565	99629	99433
Other	77167	86406	99827	119805	135236	149888
Main activity	1027776	1036351	1031496	1042991	1052995	1067931
Combustible fuels	758052	758205	742417	735654	733659	737457
Hydro	100911	101856	101933	102335	102346	102517
Nuclear	99240	98569	98672	99565	99629	99433
Other	69573	77721	88474	105437	117361	128524
Combustible fuel input	Terajoules					
Hard Coal	8070925	8409391	6977919	6528743	6008203	5511906
Brown Coal	8624213	8268422	7554207	6817768	6992253	6938984
Biogas	146036	162387	159616	150566	151528	148717
Gas-diesel oil	56846	84452	72455	56158	60931	106769
Fuel oil	77204	95263	92031	69044	64398	112029
Petroleum coke	135785	124475	115050	125580	106600	109883
Natural gas	9626697	9602281	11248873	11524237	10770702	12277185
Vegetal waste	*106875	*112040	*103991	*88394	*86064	*98706
Municipal waste	274962	274254	271824	280711	270065	275831
Black liquor	*127656	*133826	*124212	*105582	*102798	*117899
Others	237668	246805	234338	177102	170118	191816
Total input	27484867	27513596	26954515	25923885	24783660	25889725
Total production	10749208	10784002	10666332	10389744	9972180	10483351
Estimated efficiency (% of production to input)	39	39	40	40	40	40

Statistics on electricity

United States Virgin Is.

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	834	*789	*799	*797	*610	*626
Combustible fuels	820	*766	*766	*765	*589	*605
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*14	*23	*33	*33	*21	*21
Main activity	821	*774	*779	*778	*597	*612
Combustible fuels	820	*766	*766	*765	*589	*605
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	7	13	13	7	7
Own use in electricity, CHP and heat plants	93	*88	*83	*83	*61	*61
Net production	740	*701	*716	*714	*549	*565
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*60	*60	*60	*65	*50	*51
Consumption	681	641	*656	*649	*499	*521
Energy industries own use	..	..	..	..	..	..
By industry and construction	309	291	*298	*273	*210	*222
By transport	..	..	..	..	..	..
By households and other cons.	371	350	*358	*376	*290	*299
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	327	333	340	340	336	336
Combustible fuels	316	316	316	316	316	316
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*11	*17	*24	*24	*20	*20
Main activity	317	321	325	325	321	321
Combustible fuels	316	316	316	316	316	316
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*1	5	9	9	5	5
Combustible fuel input	Terajoules					
Total input	..	..	..	..	..	..
Total production	2952	*2759	*2758	*2752	*2122	*2178
Estimated efficiency (% of production to input)	..	..	..	..	..	..

Statistics on electricity

Uruguay

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	11657	13008	13731	13886	14364	14624
Combustible fuels	3309	2623	3351	2897	2803	2922
Hydro	8206	9649	8266	7842	7518	6557
Nuclear	..	..	..	..	..	..
Other	143	736	2114	3146	4043	5146
Main activity	10730	11728	12126	12274	12713	12857
Combustible fuels	2384	1349	1756	1295	1167	1177
Hydro	8206	9649	8266	7842	7518	6557
Nuclear	..	..	..	..	..	..
Other	140	730	2104	3137	4028	5123
Own use in electricity, CHP and heat plants	325	361	385	394	350	431
Net production	11332	12647	13345	13492	14014	14194
Imports	0	0	2	25	3	14
Exports	206	1267	1321	779	1462	1195
Losses	1281	1252	1489	1609	1694	1541
Consumption	9956	10239	10648	11229	10918	11606
Energy industries own use	106	107	111	116	44	117
By industry and construction	2625	2906	3250	3383	3392	3713
By transport	..	..	..	0	0	1
By households and other cons.	7225	7226	7287	7729	7481	7775
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3288	3713	3989	3913	4546	4912
Combustible fuels	1689	1690	1530	1075	1255	1615
Hydro	1538	1538	1538	1538	1538	1538
Nuclear	..	..	..	..	..	..
Other	61	485	921	1301	1753	1759
Main activity	2844	3264	3527	3447	4066	4429
Combustible fuels	1268	1268	1098	643	823	1183
Hydro	1538	1538	1538	1538	1538	1538
Nuclear	..	..	..	..	..	..
Other	38	458	891	1266	1705	1708
Combustible fuel input	Terajoules					
Gas-diesel oil	9985	2928	7534	3423	1634	2915
Fuel oil	9235	4452	1972	1220	570	1244
Natural gas	9	10	0	0	365	113
Fuelwood	478	96	236	205	64	119
Bagasse	82	100	111	86	86	88
Vegetal waste	2167	2605	2325	2496	2339	2826
Black liquor	4956	6774	9463	9670	10303	9942
Total input	26911	16965	21640	17099	15360	17247
Total production	11911	9443	12064	10430	10091	10520
Estimated efficiency (% of production to input)	44	56	56	61	66	61

Statistics on electricity
Uzbekistan

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	54619	55766	57414	58634	60323	62408
Combustible fuels	48914	49691	50589	51773	52393	56510
Hydro	5704	6075	6825	6860	7930	5897
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	0
Main activity	54619	55766	57414	58634	60323	62408
Combustible fuels	48914	49691	50589	51773	52393	56510
Hydro	5704	6075	6825	6860	7930	5897
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	0
Own use in electricity, CHP and heat plants	9172	758	780	797	820	848
Net production	45447	55008	56634	57837	59503	61560
Imports	184	6436	5520	5278	6945	2233
Exports	1293	7215	6810	6774	7585	2627
Losses	*3120	*3205	*3315	*3395	*3524	*3746
Consumption	44565	45791	47350	48503	50350	53515
Energy industries own use	..	..	..	..	..	..
By industry and construction	19670	20606	21153	21397	22623	15422
By transport	1225	1194	1166	1166	1222	1475
By households and other cons.	23669	23991	25032	25940	26504	36619
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*12614	13037	13217	14104	14377	14195
Combustible fuels	*10867	11165	11335	12222	12516	12276
Hydro	1746	1871	1880	1880	1858	1915
Nuclear	..	..	..	..	..	..
Other	1	1	1	2	3	4
Main activity	*12457	13037	13217	14104	14377	14195
Combustible fuels	*10710	11165	11335	12222	12516	12276
Hydro	1746	1871	1880	1880	1858	1915
Nuclear	..	..	..	..	..	..
Other	1	1	1	2	3	4
Combustible fuel input	Terajoules					
Hard Coal	..	..	..	..	..	2325
Brown Coal	65547	50395	42459	43592	45679	46161
Gas-diesel oil	0	47	41	30	39	39
Fuel oil	3353	5280	2026	3253	3681	5329
Natural gas	*596499	481504	488010	502212	484477	582301
Total input	*665400	537226	532537	549087	533875	636154
Total production	176092	178888	182121	186384	188614	203437
Estimated efficiency (% of production to input)	26	33	34	34	35	32

Statistics on electricity

Vanuatu

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	70	70	66	74	80	*80
Combustible fuels	57	56	51	62	63	*62
Hydro	7	7	7	5	*7	7
Nuclear	..	..	..	..	..	..
Other	6	7	9	8	9	10
Main activity	70	70	66	74	80	*80
Combustible fuels	57	56	51	62	63	*62
Hydro	7	7	7	5	*7	7
Nuclear	..	..	..	..	..	..
Other	6	7	9	8	9	10
Own use in electricity, CHP and heat plants	2	2	2	2	*7	0
Net production	68	68	64	72	73	*79
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	5	6	5	*4	*4	*9
Consumption	65	65	61	69	*68	*70
Energy industries own use	..	..	..	..	..	..
By industry and construction	24	24	21	23	*23	*24
By transport	..	..	..	..	..	..
By households and other cons.	41	41	40	46	*45	*46
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	31	30	30	32	*33	*33
Combustible fuels	27	25	25	25	*25	*25
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	3	4	4	5	6	6
Main activity	31	30	30	32	*33	*33
Combustible fuels	27	25	25	25	*25	*25
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	3	4	4	5	6	6
Combustible fuel input	Terajoules					
Gas-diesel oil	421	487	426	516	617	667
Other liquid biofuels	*55	*55	*55	*27	*27	*27
Total input	476	542	481	544	645	694
Total production	206	201	183	222	228	*225
Estimated efficiency (% of production to input)	43	37	38	41	35	32

Statistics on electricity
Venezuela (Bolivar. Rep.)

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	134295	132568	128891	118206	103878	99737
Combustible fuels	52627	52009	53832	55068	43194	41510
Hydro	81499	80364	74902	62959	60507	58150
Nuclear	..	..	..	..	..	..
Other	169	195	156	180	*177	77
Main activity	132683	130959	126777	116161	101910	97844
Combustible fuels	51090	50476	51794	53099	41302	39692
Hydro	81499	80364	74902	62959	60507	58150
Nuclear	..	..	..	..	..	..
Other	94	119	80	104	*101	2
Own use in electricity, CHP and heat plants	1601	1793	1521	1566	1114	973
Net production	132694	130776	127370	116640	102764	98764
Imports	715	24	0	0	0	..
Exports	848	889	974	1107	1064	1023
Losses	25627	42699	40381	33543	32237	30982
Consumption	110022	87467	89314	82985	70154	66531
Energy industries own use	1830	1847	1634	1427	1159	945
By industry and construction	49445	25890	27283	23472	22219	20630
By transport	308	0	0	0	0	..
By households and other cons.	58439	59730	60397	58086	46776	44956
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	31595	31771	32059	32967	32923	32923
Combustible fuels	16662	16838	16869	17777	17732	17732
Hydro	14880	14880	15137	15137	15137	15137
Nuclear	..	..	..	..	..	..
Other	53	53	53	53	54	54
Main activity	30292	30467	31049	31957	31913	31913
Combustible fuels	15359	15534	15859	16767	16722	16722
Hydro	14880	14880	15137	15137	15137	15137
Nuclear	..	..	..	..	..	..
Other	53	53	53	53	54	54
Combustible fuel input	Terajoules					
Gas-diesel oil	187652	194618	220676	199262	191522	184040
Fuel oil	36118	25654	25048	22624	21735	20887
Natural gas	254992	254371	338034	326524	313808	301586
Total input	478762	474643	583758	548410	527065	506513
Total production	189456	187233	193796	198245	155498	149436
Estimated efficiency (% of production to input)	40	39	33	36	30	30

Statistics on electricity
Viet Nam

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	126798	140219	163494	181653	198499	213121
Combustible fuels	68536	78439	105979	116244	109354	128576
Hydro	58170	61480	57254	65188	88875	84205
Nuclear	..	..	..	..	..	..
Other	*92	*300	*261	221	270	340
Main activity	124710	137649	159540	176739	194217	208839
Combustible fuels	66451	75951	102107	111412	105154	124376
Hydro	58169	61400	57174	65108	88795	84125
Nuclear	..	..	..	..	..	..
Other	*90	*298	*259	219	268	338
Own use in electricity, CHP and heat plants	8244	5201	5745	5269	5396	6066
Net production	118554	135018	157749	176384	193103	207055
Imports	3347	2356	2604	3313	2352	1722
Exports	2706	1650	1711	2215	1825	733
Losses	*11500	*12509	*12541	*13732	13871	14728
Consumption	115283	128627	143683	159791	174653	192701
Energy industries own use	..	..	..	..	..	..
By industry and construction	61277	69524	77189	85686	95791	106136
By transport	..	..	..	..	..	..
By households and other cons.	54006	59103	66494	74105	78862	86565
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*32458	*33761	*39133	*43416	*44334	*44815
Combustible fuels	*17700	*18269	*22779	*25783	*25953	*26125
Hydro	14721	15377	16213	17461	18161	18341
Nuclear	..	..	..	..	..	..
Other	*37	115	141	172	220	349
Main activity	*29749	*30633	*36005	*38025	*38851	*39332
Combustible fuels	*15000	*15455	*19965	*20728	*20828	*21000
Hydro	14718	15069	15905	17131	17809	17989
Nuclear	..	..	..	..	..	..
Other	*31	109	135	166	214	343
Combustible fuel input	Terajoules					
Hard Coal	321187	400645	529856	614098	561954	684450
Gas-diesel oil	1548	2365	1720	6751	3526	1548
Fuel oil	4404	4808	8726	8767	3798	1172
Natural gas	328579	347890	366899	366913	314848	288261
Fuelwood	658	665	1193	1173	1319	2177
Total input	656375	756373	908395	997701	885444	977607
Total production	246730	282380	381524	418478	393674	462874
Estimated efficiency (% of production to input)	38	37	42	42	44	47

Statistics on electricity
Wallis and Futuna Is.

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*19	*19	*18	*20	*20	*20
Combustible fuels	*18	*18	*18	*20	*19	*20
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*19	*19	*18	*20	*20	*20
Combustible fuels	*18	*18	*18	*20	*19	*20
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Own use in electricity, CHP and heat plants	*2	*2	*2	*2	*2	*2
Net production	*17	*16	*16	*18	*17	*18
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*1	*1	0	*1	0	*1
Consumption	*15	*16	*16	*17	*17	*17
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*15	*16	*16	*17	*17	*17
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*11	*11	9	*9	*9	*9
Combustible fuels	*11	*11	9	*9	*9	*9
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*11	*11	9	*9	*9	*9
Combustible fuels	*11	*11	9	*9	*9	*9
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*181	*179	*177	*187	*183	*188
Total input	*181	*179	*177	*187	*183	*188
Total production	*66	*65	*65	*71	*69	*71
Estimated efficiency (% of production to input)	37	36	37	38	38	38

Statistics on electricity

Yemen

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	8505	7655	6288	5105	4309	3609
Combustible fuels	8501	7646	6178	4958	4126	3151
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	4	9	110	147	183	458
Main activity	8256	7254	5851	4676	3861	2893
Combustible fuels	8256	7254	5851	4676	3861	2893
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1341	1178	950	759	627	470
Net production	7164	6477	5338	4346	3682	3139
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	2190	1924	1552	1240	1024	767
Consumption	4974	4553	2500	2371	2293	2192
Energy industries own use	..	..	..	..	..	..
By industry and construction	203	161	130	104	86	64
By transport	..	..	..	..	..	..
By households and other cons.	4771	4392	2370	2267	2207	2128
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1540	1524	1579	1769	*1769	*1769
Combustible fuels	1535	1519	1519	1519	*1519	*1519
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*5	5	60	*250	*250	*250
Main activity	1417	1402	1402	1402	*1402	*1402
Combustible fuels	1417	1402	1402	1402	*1402	*1402
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	30874	25155	20984	18103	17028	15179
Fuel oil	30017	24280	19190	15635	13817	14948
Natural gas	34605	37478	28770	20045	24053	4009
Total input	95496	86913	68944	53783	54898	34136
Total production	30604	27526	22241	17849	14854	11344
Estimated efficiency (% of production to input)	32	32	32	33	27	33

Statistics on electricity

Zambia

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	13301	14455	13440	11695	14185	16191
Combustible fuels	20	413	405	670	1987	3524
Hydro	13281	14042	13035	11025	12198	12666
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	1
Main activity	13301	14455	13440	11695	14185	16191
Combustible fuels	20	413	405	670	1987	3524
Hydro	13281	14042	13035	11025	12198	12666
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	1
Own use in electricity, CHP and heat plants	306	331	0	325	344	408
Net production	12995	14124	13440	11370	13841	15783
Imports	73	13	785	2185	753	152
Exports	1083	1256	1176	794	1063	1226
Losses	1139	2162	1599	1903	1339	1811
Consumption	10846	10719	11450	10858	12192	12898
Energy industries own use	..	..	..	..	..	..
By industry and construction	6379	6429	6860	6455	7025	7282
By transport	28	31	33	28	32	33
By households and other cons.	4439	4259	4557	4375	5135	5583
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2038	2452	2411	2827	2897	2898
Combustible fuels	141	195	142	439	498	499
Hydro	1897	2257	2269	2388	2398	2398
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	1
Main activity	2038	2452	2411	2827	2897	2898
Combustible fuels	141	195	142	439	498	499
Hydro	1897	2257	2269	2388	2398	2398
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	1
Combustible fuel input	Terajoules					
Hard Coal	..	..	..	3928	15342	24484
Gas-diesel oil	430	430	430	430	516	*5160
Fuel oil	0	2990	3272	2747	4808	*6747
Bagasse	..	*1278	*1332	*1367	*1367	*1367
Total input	430	4698	5034	8472	22033	37757
Total production	72	1485	1459	2412	7153	12686
Estimated efficiency (% of production to input)	17	32	29	28	32	34

Statistics on electricity
Zimbabwe

Item	2013	2014	2015	2016	2017	2018
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	9499	9812	9522	7090	7544	9418
Combustible fuels	4517	4410	4583	4175	3575	4369
Hydro	4982	5402	4939	2915	3969	5049
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	9315	9783	9468	6812	7377	9212
Combustible fuels	4333	4381	4529	3897	3408	4163
Hydro	4982	5402	4939	2915	3969	5049
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	115	184	189	35	143	175
Net production	9384	9628	9333	7055	7401	9243
Imports	1722	1127	1139	2220	2569	1177
Exports	1189	1226	1239	369	351	161
Losses	1702	1648	1654	1533	1729	1748
Consumption	8285	8238	6876	7282	7880	8506
Energy industries own use	..	..	..	..	..	..
By industry and construction	3115	3388	2524	2645	3359	3703
By transport	..	..	..	..	..	..
By households and other cons.	5170	4850	4352	4637	4521	4803
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*2112	1992	1992	2015	2015	2315
Combustible fuels	*1355	1235	1235	1265	1265	1265
Hydro	757	757	757	750	750	1050
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*2067	1947	1947	1970	1970	2270
Combustible fuels	*1310	1190	1190	1220	1220	1220
Hydro	757	757	757	750	750	1050
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	69596	70325	74266	63954	55288	67571
Gas-diesel oil	774	731	645	559	559	688
Bagasse	2390	2074	1843	2117	2180	2687
Total input	72760	73130	76754	66630	58026	70946
Total production	16261	15874	16498	15029	12870	15728
Estimated efficiency (% of production to input)	22	22	21	23	22	22