

Statistics on electricity

Uganda

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3223	3300	3508	3854	4040	4364
Combustible fuels	352	247	244	381	405	300
Hydro	2871	3052	3261	3447	3602	3986
Nuclear	..	..	..	..	..	..
Other	..	..	4	25	32	78
Main activity	2699	2819	3037	3440	3389	3687
Combustible fuels	138	73	66	231	199	103
Hydro	2561	2745	2967	3183	3158	3506
Nuclear	..	..	..	..	..	..
Other	..	..	4	25	32	78
Own use in electricity, CHP and heat plants	0	0	0	0	0	12
Net production	3223	3300	3508	3854	4040	4352
Imports	33	49	54	65	84	104
Exports	168	122	165	317	233	299
Losses	728	713	765	755	789	814
Consumption	2289	2487	2594	2802	3067	3233
Energy industries own use	..	..	..	..	..	..
By industry and construction	1450	1581	1664	1805	2012	2163
By transport	..	..	..	..	..	..
By households and other cons.	839	906	930	997	1055	1070
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	851	861	872	913	984	1256
Combustible fuels	156	166	166	178	198	199
Hydro	695	695	695	712	744	1004
Nuclear	..	..	..	..	..	..
Other	..	..	11	22	42	52
Main activity	732	732	742	752	772	1007
Combustible fuels	102	102	102	102	102	102
Hydro	630	630	630	630	630	855
Nuclear	..	..	..	..	..	..
Other	..	..	11	21	41	51
Combustible fuel input	Terajoules					
Gas-diesel oil	..	43	..	..	..	..
Fuel oil	*1240	723	*1030	*3515	3015	978
Bagasse	*4112	*3305	*3614	*3050	*4255	*4726
Total input	*5352	*4072	*4644	*6565	*7269	*5704
Total production	1265	890	878	1371	1459	1079
Estimated efficiency (% of production to input)	24	22	19	21	20	19

Statistics on electricity
Ukraine

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	182815	163682	164573	156037	159833	154141
Combustible fuels	83549	67523	72795	58173	61104	58201
Hydro	9318	6971	9304	10520	12007	7855
Nuclear	88389	87627	80950	85576	84398	83003
Other	1559	1561	1524	1768	2324	5082
Main activity	179888	161468	158806	152061	157175	151880
Combustible fuels	80644	65328	67136	54274	58493	56077
Hydro	9299	6954	9281	10516	12005	7855
Nuclear	88389	87627	80950	85576	84398	83003
Other	1556	1559	1439	1695	2279	4944
Own use in electricity, CHP and heat plants	14385	13032	12684	11131	12740	11608
Net production	168430	150650	151889	144906	147093	142533
Imports	89	2241	77	50	32	2238
Exports	8523	3591	3830	5226	6099	6283
Losses	19615	17442	16626	16787	16996	16434
Consumption	134981	126024	125257	122943	124030	122054
Energy industries own use	6594	7035	7817	5577	5377	5365
By industry and construction	54401	49963	49941	50235	51727	48592
By transport	8072	6807	6796	7044	6951	6603
By households and other cons.	65914	62219	60703	60087	59975	61494
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	55843	55904	57335	52764	51508	51444
Combustible fuels	35335	35335	36475	31492	29753	28535
Hydro	5851	5883	6172	6213	6243	6325
Nuclear	13835	13835	13835	13835	13835	13835
Other	822	851	853	1224	1677	2749
Main activity	52910	53145	53866	50499	49369	49273
Combustible fuels	32410	32584	33013	29265	27662	26464
Hydro	5847	5878	6167	6206	6238	6325
Nuclear	13835	13835	13835	13835	13835	13835
Other	818	848	851	1193	1634	2649
Combustible fuel input	Terajoules					
Hard Coal	855610	691875	739606	596334	634191	584784
Biogas	..	161	596	865	1565	1768
Gas-diesel oil	258	215	301	430	559	387
Fuel oil	2020	11029	24280	21210	6989	1899
Liquefied petroleum gas	..	..	47	47	47	24
Other oil products	1648	804	1005	925	4543	4273
Natural gas	204757	169205	157126	145990	178481	165157
Coke-oven gas	10037	6939	9809	14391	15911	14515
Blast furnace gas	23785	18013	25568	26744	28839	24685
Peat products	0	127	176	195	156	88
Others	16380	18328	1354	0	0	0
Total input	1114495	916695	959868	807131	871281	797580
Total production	300776	243083	262062	209423	219974	209524
Estimated efficiency (% of production to input)	27	27	27	26	25	26

Statistics on electricity
United Arab Emirates

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	116528	127366	129596	134553	135997	138454
Combustible fuels	116237	127075	129287	133761	134694	134674
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	291	291	309	792	1303	3780
Main activity	116528	127366	129596	134553	135997	138454
Combustible fuels	116237	127075	129287	133761	134694	134674
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	291	291	309	792	1303	3780
Own use in electricity, CHP and heat plants	4843	4429	2392	7487	4726	5726
Net production	111685	122937	127204	127066	131271	132728
Imports	248	234	1141	514	488	245
Exports	276	249	506	617	517	257
Losses	8363	9141	9697	11718	8436	7011
Consumption	101174	111076	*113929	115245	122836	125717
Energy industries own use	..	..	..	..	..	..
By industry and construction	11196	12973	*13983	15071	13850	14272
By transport	..	..	..	..	..	..
By households and other cons.	89978	98103	*99946	100174	108986	111445
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	28829	28745	28761	30371	*30934	*33042
Combustible fuels	28706	28622	28638	30048	*30349	*31287
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	123	123	123	323	585	1755
Main activity	28829	28745	28761	30371	*30934	*33042
Combustible fuels	28706	28622	28638	30048	*30349	*31287
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	123	123	123	323	585	1755
Combustible fuel input	Terajoules					
Gas-diesel oil	21887	23521	*23650	22747	24394	6401
Fuel oil	1899	2020	*2141	*2141	*2182	2133
Natural gas	*1366572	*1248672	1349892	1383323	1384793	1370949
Total input	*1390358	*1274213	1375683	1408211	1411369	1379484
Total production	418453	457470	465433	481540	484898	484827
Estimated efficiency (% of production to input)	30	36	34	34	34	35

Statistics on electricity
United Kingdom

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	338100	339571	339216	337934	332504	322844
Combustible fuels	229566	212379	211607	197741	189847	181702
Hydro	8771	9037	8329	8754	7942	7691
Nuclear	63748	70345	71726	70336	65064	56184
Other	36015	47810	47554	61103	69651	77267
Main activity	296460	290767	287608	282740	275427	261749
Combustible fuels	198432	178114	176225	161420	152229	140685
Hydro	7518	7646	6910	7051	6299	5946
Nuclear	63748	70345	71726	70336	65064	56184
Other	26762	34662	32747	43932	51836	58934
Own use in electricity, CHP and heat plants	16483	12124	15319	15207	15142	12505
Net production	321617	327447	323897	322727	317362	310339
Imports	23244	22961	20018	18167	21332	24556
Exports	2723	1855	2273	3407	2225	3385
Losses	27448	28607	26330	26835	25704	26732
Consumption	314691	314723	315310	310652	310765	304120
Energy industries own use	11753	11137	11170	10971	10206	8746
By industry and construction	93157	93045	93424	92340	93986	91732
By transport	4505	4516	4690	4833	4984	5456
By households and other cons.	205276	206025	206026	202508	201589	198187
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	96622	96395	98749	104824	108294	104847
Combustible fuels	63600	58316	56702	58430	59400	53350
Hydro	4474	4677	4733	4770	4773	4773
Nuclear	9937	9487	9261	9261	9261	9261
Other	18611	23915	28053	32363	34861	37464
Main activity	81780	78936	72969	78514	81559	77208
Combustible fuels	57085	51961	44364	45691	46055	39458
Hydro	4221	4357	4360	4361	4366	4365
Nuclear	9937	9487	9261	9261	9261	9261
Other	10537	13131	14984	19201	21877	24125
Combustible fuel input	Terajoules					
Hard Coal	980129	758859	317097	229993	174276	78203
Biogas	84381	91653	94754	95254	92784	91158
Gas-diesel oil	4816	4171	3827	4101	3728	3738
Refinery gas	11732	12128	12425	13053	9298	11138
Natural gas	784213	765476	1073072	1029713	990086	974329
Blast furnace gas	30624	26847	19347	18055	16907	17845
Fuelwood	*92732	*113420	*123758	*128801	*147143	*164335
Vegetal waste	*19731	*24940	*22644	*29478	*34875	*35505
Municipal waste	40538	53310	66242	70208	81302	90982
Industrial waste	8556	9348	16912	7732	7075	7227
Others	13204	13911	9756	8339	8256	6714
Total input	2070656	1874062	1759834	1634727	1565730	1481173
Total production	826438	764564	761785	711867	683449	654127
Estimated efficiency (% of production to input)	40	41	43	44	44	44

Statistics on electricity
United Rep. of Tanzania

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6258	6772	7216	7250	7396	7865
Combustible fuels	3653	4649	4817	4861	4908	5298
Hydro	2590	2108	2366	2350	*2400	2477
Nuclear	..	..	..	..	..	..
Other	15	15	33	39	88	89
Main activity	6243	6757	7183	7211	7308	7776
Combustible fuels	3653	4649	4817	4861	4908	5298
Hydro	2590	2108	2366	2350	*2400	2477
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	74	355	124	135	41	60
Net production	6184	6417	7092	7115	7355	7805
Imports	59	71	102	106	118	113
Exports	..	..	..	..	..	..
Losses	1135	1120	1221	1159	1064	1162
Consumption	4991	5265	5388	5952	6460	6767
Energy industries own use	15	15	18	19	88	89
By industry and construction	1270	1362	1358	1525	1719	1686
By transport	..	..	..	..	..	..
By households and other cons.	3706	3888	4012	4408	4653	4992
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1119	1380	1394	1412	1607	1530
Combustible fuels	*546	800	808	829	1015	931
Hydro	562	567	567	562	567	574
Nuclear	..	..	..	..	..	..
Other	11	13	18	22	25	26
Main activity	1088	1347	1356	1358	1396	1318
Combustible fuels	*526	780	788	796	829	745
Hydro	562	567	567	562	567	574
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	5160	9804	14749	15609	15609	19299
Fuel oil	7676	9534	2262	768	283	320
Natural gas	28623	27590	25558	23505	22181	32842
Bagasse	1152	1152	1242	1297	1297	1296
Total input	42611	48080	43811	41178	39369	53758
Total production	13151	16736	17341	17500	17669	19073
Estimated efficiency (% of production to input)	31	35	40	42	45	35

Statistics on electricity
United States

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4340371	4317159	4322038	4286429	4455439	4391761
Combustible fuels	2995556	2962870	2886040	2770054	2912041	2818743
Hydro	281527	271129	292113	325114	317004	310571
Nuclear	830584	830288	839918	838861	841329	843330
Other	232704	252872	303967	352399	385065	419116
Main activity	4166530	4139295	4141317	4100488	4262168	4192264
Combustible fuels	2835071	2802188	2725711	2608106	2746063	2650495
Hydro	280195	269675	290596	323458	315587	309332
Nuclear	830584	830288	839918	838861	841329	843330
Other	220680	237144	285092	330062	359190	389106
Own use in electricity, CHP and heat plants	216819	207940	202593	200426	218511	196187
Net production	4123552	4109219	4119445	4086003	4236927	4195573
Imports	66511	75770	72716	65685	58261	59052
Exports	13298	9100	6214	9371	13804	20008
Losses	255322	255322	234807	226114	211136	244112
Consumption	3921443	3920567	3951140	3916203	4070248	3990506
Energy industries own use	132489	139731	137199	160087	169372	160554
By industry and construction	821040	806248	796896	778435	772827	748851
By transport	7605	8872	10605	11089	12283	13838
By households and other cons.	2960309	2965716	3006440	2966591	3115765	3067264
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1074544	1072470	1086849	1100333	1119131	1127772
Combustible fuels	787407	771732	764787	762765	767009	758593
Hydro	102162	102239	102692	102703	102801	102649
Nuclear	98569	98672	99565	99629	99433	98119
Other	86406	99827	119805	135236	149888	168411
Main activity	1036351	1031496	1042991	1052995	1067931	1072930
Combustible fuels	758205	742417	735654	733659	737457	729097
Hydro	101856	101933	102335	102346	102517	102360
Nuclear	98569	98672	99565	99629	99433	98119
Other	77721	88474	105437	117361	128524	143354
Combustible fuel input	Terajoules					
Hard Coal	8409391	6977919	6528743	6008203	5511906	4657978
Brown Coal	8268422	7554207	6817768	6992253	6938984	5868905
Biogas	162387	159616	150566	151529	148717	141641
Gas-diesel oil	84452	72455	56158	60948	106759	86805
Fuel oil	95263	92031	69044	64365	112053	97470
Petroleum coke	124475	115050	125580	106612	109908	83524
Natural gas	9602281	11248873	11524237	10770702	12277185	13124962
Vegetal waste	*112040	*103991	*88394	*86064	*98706	*97059
Municipal waste	274254	271824	280711	270064	275832	268342
Black liquor	*133826	*124212	*105582	*102798	*117899	*115931
Others	246805	234338	177102	170121	191778	185267
Total input	27513596	26954515	25923885	24783660	25889727	24727886
Total production	10784002	10666332	10389744	9972194	10483349	10147476
Estimated efficiency (% of production to input)	39	40	40	40	40	41

Statistics on electricity

United States Virgin Is.

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*790	*799	*797	*611	*626	*672
Combustible fuels	*766	*766	*765	*589	*605	*647
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*23	*33	*33	*21	*22	*25
Main activity	*774	*780	*778	*597	*612	*655
Combustible fuels	*766	*766	*765	*589	*605	*647
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	7	14	14	8	8	8
Own use in electricity, CHP and heat plants	*89	*84	*84	*61	*62	*66
Net production	*701	*716	*714	*549	*565	*606
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*60	*60	*65	*50	*51	*51
Consumption	641	*656	*649	*499	*521	*555
Energy industries own use	..	..	..	..	..	..
By industry and construction	291	*298	*273	*210	*222	*236
By transport	..	..	..	..	..	..
By households and other cons.	350	*358	*376	*290	*299	*319
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	333	340	340	336	336	*336
Combustible fuels	316	316	316	316	316	*316
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	*17	*24	*24	*20	*20	*20
Main activity	321	325	325	321	321	*321
Combustible fuels	316	316	316	316	316	*316
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	9	9	5	5	5
Combustible fuel input	Terajoules					
Total input	..	..	..	..	..	..
Total production	*2759	*2758	*2752	*2122	*2178	*2331
Estimated efficiency (% of production to input)	..	..	..	..	..	..

Statistics on electricity

Uruguay

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	13008	13731	13885	14363	14623	16090
Combustible fuels	2623	3351	2896	2802	2921	2806
Hydro	9649	8266	7842	7518	6557	8108
Nuclear	..	..	..	..	..	..
Other	736	2114	3146	4043	5146	5176
Main activity	11728	12126	12274	12713	12857	14388
Combustible fuels	1349	1756	1295	1167	1177	1138
Hydro	9649	8266	7842	7518	6557	8108
Nuclear	..	..	..	..	..	..
Other	730	2104	3137	4028	5123	5142
Own use in electricity, CHP and heat plants	361	385	393	350	431	436
Net production	12647	13345	13491	14014	14192	15654
Imports	0	2	25	3	14	0
Exports	1267	1321	779	1462	1195	3011
Losses	1252	1489	1340	1437	1557	1322
Consumption	10239	10648	11518	11162	11571	11439
Energy industries own use	107	111	116	44	117	118
By industry and construction	2906	3250	3530	3522	3702	3622
By transport	..	..	0	0	1	1
By households and other cons.	7226	7287	7872	7596	7752	7698
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3713	3989	3913	4546	4912	4920
Combustible fuels	1690	1530	1075	1255	1615	1615
Hydro	1538	1538	1538	1538	1538	1538
Nuclear	..	..	..	..	..	..
Other	485	921	1301	1753	1759	1768
Main activity	3264	3527	3447	4066	4428	4429
Combustible fuels	1268	1098	643	823	1182	1182
Hydro	1538	1538	1538	1538	1538	1538
Nuclear	..	..	..	..	..	..
Other	458	891	1266	1705	1708	1709
Combustible fuel input	Terajoules					
Gas-diesel oil	2928	7534	3423	1634	2915	1290
Fuel oil	4452	1972	1220	570	1244	404
Natural gas	10	0	0	365	113	1106
Fuelwood	96	236	205	64	116	87
Bagasse	100	111	86	86	88	104
Vegetal waste	2605	2325	2496	2339	2826	1801
Black liquor	6774	9463	9670	10303	9942	9999
Total input	16965	21640	17099	15360	17245	14791
Total production	9443	12064	10426	10088	10515	10102
Estimated efficiency (% of production to input)	56	56	61	66	61	68

Statistics on electricity
Uzbekistan

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	55766	57414	58634	60323	62408	63021
Combustible fuels	49691	50589	51773	52393	56510	56544
Hydro	6075	6825	6860	7930	5897	6462
Nuclear	..	..	..	..	..	..
Other	..	0	0	1	0	16
Main activity	55766	57414	58634	60323	62408	63021
Combustible fuels	49691	50589	51773	52393	56510	56544
Hydro	6075	6825	6860	7930	5897	6462
Nuclear	..	..	..	..	..	..
Other	..	0	0	1	0	16
Own use in electricity, CHP and heat plants	758	780	797	820	848	845
Net production	55008	56634	57837	59503	61560	62176
Imports	6436	5520	5278	6945	2233	3379
Exports	7215	6810	6774	7585	2627	2067
Losses	*3205	*3315	*3395	*3524	*3746	3858
Consumption	45791	47350	48503	50350	53515	54175
Energy industries own use	..	..	..	..	..	..
By industry and construction	20606	21153	21397	22623	15422	17382
By transport	1194	1166	1166	1222	1475	2115
By households and other cons.	23991	25032	25940	26504	36619	34678
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	13037	13217	14104	14378	14196	15948
Combustible fuels	11165	11335	12222	12516	12276	14032
Hydro	1871	1880	1880	1858	1915	1908
Nuclear	..	..	..	..	..	..
Other	1	1	2	4	4	*9
Main activity	13037	13217	14104	14378	14196	15948
Combustible fuels	11165	11335	12222	12516	12276	14032
Hydro	1871	1880	1880	1858	1915	1908
Nuclear	..	..	..	..	..	..
Other	1	1	2	4	4	*9
Combustible fuel input	Terajoules					
Hard Coal	..	2135	2030	1552	2325	892
Brown Coal	50395	42459	43592	45679	46161	51683
Gas-diesel oil	47	41	30	39	39	61
Fuel oil	5280	2026	3253	3681	5329	8313
Natural gas	481504	488010	502212	484477	582301	581117
Total input	537226	534671	551117	535428	636154	642066
Total production	178888	182121	186384	188614	203437	203557
Estimated efficiency (% of production to input)	33	34	34	35	32	32

Statistics on electricity

Vanuatu

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	70	66	74	80	80	82
Combustible fuels	56	51	62	63	63	63
Hydro	7	7	5	7	8	8
Nuclear	..	..	..	..	..	..
Other	7	9	8	9	10	12
Main activity	70	66	74	80	80	82
Combustible fuels	56	51	62	63	63	63
Hydro	7	7	5	7	8	8
Nuclear	..	..	..	..	..	..
Other	7	9	8	9	10	12
Own use in electricity, CHP and heat plants	2	2	2	2	2	*2
Net production	68	64	72	77	78	80
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	6	5	5	5	6	6
Consumption	65	61	69	72	72	75
Energy industries own use	..	..	..	..	..	..
By industry and construction	24	21	23	28	27	29
By transport	..	..	..	..	..	..
By households and other cons.	41	40	46	44	45	46
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	30	30	32	33	31	33
Combustible fuels	25	25	26	26	24	25
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	4	4	5	6	6	6
Main activity	30	30	32	33	31	33
Combustible fuels	25	25	26	26	24	25
Hydro	1	1	1	1	1	1
Nuclear	..	..	..	..	..	..
Other	4	4	5	6	6	6
Combustible fuel input	Terajoules					
Gas-diesel oil	487	451	570	617	609	621
Other liquid biofuels	24	27	*19	0	5	8
Total input	511	479	589	617	614	629
Total production	201	183	222	228	228	227
Estimated efficiency (% of production to input)	39	38	38	37	37	36

Statistics on electricity
Venezuela (Bolivar. Rep.)

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	132471	128829	118122	103796	99737	85166
Combustible fuels	52009	53832	55068	43194	41510	35432
Hydro	80364	74902	62959	60507	58150	49637
Nuclear	..	..	..	..	..	..
Other	98	95	95	95	77	97
Main activity	130845	126698	116060	101811	97844	83521
Combustible fuels	50476	51794	53099	41302	39692	33880
Hydro	80364	74902	62959	60507	58150	49637
Nuclear	..	..	..	..	..	..
Other	5	2	2	2	2	4
Own use in electricity, CHP and heat plants	1696	1460	1482	1032	973	831
Net production	130775	127370	116640	102764	98764	84334
Imports	24	0	0	0	..	..
Exports	889	974	1107	1064	1023	870
Losses	42699	40381	33543	32237	30982	26452
Consumption	87467	89314	82985	70154	66531	57513
Energy industries own use	1847	1634	1427	1159	945	850
By industry and construction	25890	27283	23472	22219	20630	18280
By transport	0	0	0	0	..	..
By households and other cons.	59730	60397	58086	46776	44956	38382
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	31859	32150	33058	33013	33012	32620
Combustible fuels	16838	16869	17777	17732	17732	17487
Hydro	14880	15137	15137	15137	15137	15011
Nuclear	..	..	..	..	..	..
Other	142	144	144	144	143	122
Main activity	30467	31049	31957	31913	31913	31519
Combustible fuels	15534	15859	16767	16722	16722	16477
Hydro	14880	15137	15137	15137	15137	15011
Nuclear	..	..	..	..	..	..
Other	53	53	53	54	54	31
Combustible fuel input	Terajoules					
Gas-diesel oil	194618	220676	199262	191522	184040	157094
Fuel oil	25654	25048	22624	21735	20887	17828
Natural gas	254371	338034	326524	313808	301586	257432
Total input	474643	583758	548410	527065	506513	432354
Total production	187233	193796	198245	155498	149436	127556
Estimated efficiency (% of production to input)	39	33	36	30	30	30

Statistics on electricity
Viet Nam

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	140219	163494	181653	198499	213199	*227715
Combustible fuels	78439	105979	116244	109354	128576	*142200
Hydro	61480	57254	65188	88875	84205	85097
Nuclear	..	..	..	..	..	..
Other	*300	*261	221	270	418	418
Main activity	137649	159540	176739	194217	208917	*223433
Combustible fuels	75951	102107	111412	105154	124376	*138000
Hydro	61400	57174	65108	88795	84125	85017
Nuclear	..	..	..	..	..	..
Other	*298	*259	219	268	416	416
Own use in electricity, CHP and heat plants	5201	5745	5269	6906	6759	6991
Net production	135018	157749	176384	191593	206440	*220724
Imports	2356	2604	3313	2352	1722	2401
Exports	1650	1711	2215	1825	733	1311
Losses	*12509	*12541	*13732	13871	14728	14765
Consumption	128627	143683	159791	174653	192701	207049
Energy industries own use	..	..	..	..	..	..
By industry and construction	69524	77189	85686	95791	106136	111934
By transport	..	..	..	..	..	..
By households and other cons.	59103	66494	74105	78862	86565	95115
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*33761	*39133	*43416	*44334	*44815	55187
Combustible fuels	*18269	*22779	*25783	*25953	*26125	30690
Hydro	15377	16213	17461	18161	18341	18421
Nuclear	..	..	..	..	..	..
Other	115	141	172	220	349	6076
Main activity	*30633	*36005	*38025	*38851	*39332	49704
Combustible fuels	*15455	*19965	*20728	*20828	*21000	25565
Hydro	15069	15905	17131	17809	17989	18069
Nuclear	..	..	..	..	..	..
Other	109	135	166	214	343	6070
Combustible fuel input	Terajoules					
Hard Coal	400645	529856	614098	561954	684450	1386620
Gas-diesel oil	2365	1720	6751	3526	1548	6837
Fuel oil	4808	8726	8767	3798	1172	10868
Natural gas	347890	366899	366913	314848	288261	300319
Fuelwood	665	1193	44756	1319	2177	494
Total input	756373	908395	1041284	885444	977607	1705138
Total production	282380	381524	418478	393674	462874	*511920
Estimated efficiency (% of production to input)	37	42	40	44	47	30

Statistics on electricity
Wallis and Futuna Is.

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*19	*18	*20	*20	*20	*22
Combustible fuels	*18	*18	*20	*19	*20	*21
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*19	*18	*20	*20	*20	*22
Combustible fuels	*18	*18	*20	*19	*20	*21
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	*3	*2	*1	*1
Net production	*16	*16	*18	*17	*19	*20
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	0	0	0	0	0	0
Consumption	*16	*16	*17	*17	*19	*20
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*16	*16	*17	*17	*19	*20
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*11	9	9	9	9	9
Combustible fuels	*11	9	9	9	9	9
Hydro	0	0	0	0	0	0
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	*11	9	9	9	9	9
Combustible fuels	*11	9	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	*179	*177	*187	*183	*188	*196
Total input	*179	*177	*187	*183	*188	*196
Total production	*65	*65	*71	*69	*71	*76
Estimated efficiency (% of production to input)	36	37	38	38	38	39

Statistics on electricity

Yemen

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	7655	5762	4798	4050	3487	3603
Combustible fuels	7646	5646	4643	3856	3003	3119
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	9	116	155	194	484	484
Main activity	7254	5364	4387	3613	2758	2838
Combustible fuels	7254	5364	4387	3613	2758	2838
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1178	871	712	586	448	461
Net production	6477	4891	4086	3464	3040	3143
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	1924	1423	1164	959	732	753
Consumption	4553	2489	2377	2297	2203	2257
Energy industries own use	..	..	..	..	..	..
By industry and construction	161	119	97	80	61	63
By transport	..	..	..	..	..	..
By households and other cons.	4392	2370	2280	2217	2142	2194
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1524	1579	1769	*1769	*1769	*1769
Combustible fuels	1519	1519	1519	*1519	*1519	*1519
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	60	*250	*250	*250	250
Main activity	1402	1402	1402	*1402	*1402	*1402
Combustible fuels	1402	1402	1402	*1402	*1402	*1402
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	25155	18146	16469	15634	14443	15076
Fuel oil	24280	19190	16241	15417	14185	14732
Natural gas	37478	28770	20045	12027	4009	4009
Total input	86913	66106	52755	43077	32637	33817
Total production	27526	20326	16715	13883	10810	11228
Estimated efficiency (% of production to input)	32	31	32	32	33	33

Statistics on electricity
Zambia

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	14455	13440	11695	14185	16191	15041
Combustible fuels	413	405	670	1987	3524	3598
Hydro	14042	13035	11025	12198	12666	11441
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Main activity	14455	13440	11695	14185	16191	15041
Combustible fuels	413	405	670	1987	3524	3598
Hydro	14042	13035	11025	12198	12666	11441
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Own use in electricity, CHP and heat plants	331	0	325	344	408	111
Net production	14124	13440	11370	13841	15783	14930
Imports	13	785	2185	753	152	198
Exports	1256	1176	794	1063	1226	976
Losses	2162	1599	1903	1339	1811	*1811
Consumption	10719	11450	10858	12192	12898	12341
Energy industries own use	..	..	..	..	..	..
By industry and construction	6429	6860	6455	7025	7282	7060
By transport	31	33	28	32	33	31
By households and other cons.	4259	4557	4375	5135	5583	5250
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	2452	2411	2827	2897	2898	2981
Combustible fuels	195	142	439	498	499	494
Hydro	2257	2269	2388	2398	2398	2399
Nuclear	..	..	..	..	..	..
Other	..	0	0	1	1	89
Main activity	2452	2411	2827	2897	2898	2981
Combustible fuels	195	142	439	498	499	494
Hydro	2257	2269	2388	2398	2398	2399
Nuclear	..	..	..	..	..	..
Other	..	0	0	1	1	89
Combustible fuel input	Terajoules					
Hard Coal	..	..	3904	15353	24485	20017
Gas-diesel oil	430	430	430	516	*5160	*8600
Fuel oil	2990	3272	2747	4808	*6747	*8484
Bagasse	*1278	*1332	*1367	*1367	*1367	*1367
Total input	4698	5034	8448	22043	37758	38468
Total production	1485	1459	2412	7153	12686	12953
Estimated efficiency (% of production to input)	32	29	29	32	34	34

Statistics on electricity

Zimbabwe

Item	2014	2015	2016	2017	2018	2019
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	9812	9522	7090	7544	9418	7792
Combustible fuels	4410	4583	4175	3575	4369	4285
Hydro	5402	4939	2915	3969	5049	3507
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	9783	9468	6812	7377	9212	7583
Combustible fuels	4381	4529	3897	3408	4163	4076
Hydro	5402	4939	2915	3969	5049	3507
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	184	6	171	143	175	171
Net production	9628	9516	6919	7401	9243	7620
Imports	1127	1147	2220	2569	1177	1612
Exports	1226	1248	369	351	161	504
Losses	1648	1653	1596	1729	1748	1491
Consumption	8238	7426	7276	7880	8506	7255
Energy industries own use	..	..	..	..	..	..
By industry and construction	3388	2524	2642	3359	3703	3158
By transport	..	..	..	..	..	..
By households and other cons.	4850	4902	4634	4521	4803	4097
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1992	1992	2015	2015	2315	*2346
Combustible fuels	1235	1235	1265	1265	1265	*1265
Hydro	757	757	750	750	1050	1081
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1947	1947	1970	1970	2270	*2301
Combustible fuels	1190	1190	1220	1220	1220	*1220
Hydro	757	757	750	750	1050	1081
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	70325	74266	63954	55291	67555	66122
Gas-diesel oil	731	645	559	580	701	714
Bagasse	2074	1843	2117	2180	2687	2725
Total input	73130	76754	66630	58051	70944	69561
Total production	15874	16498	15029	12870	15729	15427
Estimated efficiency (% of production to input)	22	21	23	22	22	22