

ELECTRICITY PROFILES

Statistics on electricity

Afghanistan

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	892	1005	1022	*1022	*1049	*1034
Combustible fuels	125	176	144	*218	*154	*144
Hydro	767	829	878	*804	*895	*890
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	622	719	721	*746	*742	*729
Combustible fuels	120	171	139	*213	*149	*139
Hydro	502	548	582	*533	*593	*590
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	27	50	55	*57	*58	*60
Net production	865	955	967	*965	*991	*974
Imports	1867	2732	3071	3615	3711	3779
Exports	..	..	..	..	..	..
Losses	*404	404	404	*490	*500	*600
Consumption	2400	*2775	3265	*3322	*3767	*3888
Energy industries own use	..	..	..	..	..	..
By industry and construction	*500	600	600	*800	*800	*900
By transport	..	..	..	..	..	..
By households and other cons.	1900	*2175	2665	*2522	*2967	*2988
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*489	431	431	*431	*431	*431
Combustible fuels	115	115	115	*115	*115	*115
Hydro	*374	316	316	*316	*316	*316
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*307	249	249	*249	*249	*249
Combustible fuels	60	60	60	*60	*60	*60
Hydro	*247	189	189	*189	*189	*189
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	774	1290	*903	*1419	*1290	*1264
Gas-diesel oil	860	860	860	*1075	*645	*645
Fuel oil	*40	*40	*40	*40	*40	*40
Total input	1674	2190	*1803	*2534	*1975	*1950
Total production	450	634	518	*786	*554	*519
Estimated efficiency (% of production to input)	27	29	29	31	28	27

Statistics on electricity

Albania

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	7744	4217	4725	6956	4724	5895
Combustible fuels	1	59	..	..	..	..
Hydro	7743	4158	4725	6956	4724	5895
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	7744	4217	4725	6956	4724	5895
Combustible fuels	1	59	..	..	..	..
Hydro	7743	4158	4725	6956	4724	5895
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	59	0	0	0	29
Net production	7743	4158	4725	6956	4724	5866
Imports	1985	3262	2538	2323	3250	2355
Exports	2934	232	0	0	183	956
Losses	1121	1076	1119	1953	1119	1250
Consumption	5673	6112	6144	7325	6672	6015
Energy industries own use	5	455	384	433	149	118
By industry and construction	1035	1053	1192	1388	1466	1245
By transport	..	..	..	..	..	..
By households and other cons.	4633	4604	4568	5505	5057	4652
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1613	1613	1767	1918	1865	1922
Combustible fuels	123	123	123	123	123	123
Hydro	1476	1476	1629	1781	1726	1799
Nuclear	..	..	..	..	..	..
Other	14	14	15	14	16	0
Main activity	1588	1588	1742	1893	1840	1897
Combustible fuels	98	98	98	98	98	98
Hydro	1476	1476	1629	1781	1726	1799
Nuclear	..	..	..	..	..	..
Other	14	14	15	14	16	0
Combustible fuel input	Terajoules					
Refinery gas	0	0	0	0	0	0
Other oil products	201	429	0	0	0	..
Total input	201	429	0	0	0	0
Total production	3	213	..	..	..	..
Estimated efficiency (% of production to input)	2	50	..	..	..	..

Statistics on electricity

Algeria

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	45734	51224	57397	59890	64242	68798
Combustible fuels	45560	50722	56775	59560	63988	68576
Hydro	174	502	622	330	254	145
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	77
Main activity	45173	48872	54086	56148	60500	64663
Combustible fuels	44999	48370	53464	55818	60246	64441
Hydro	174	502	622	330	254	145
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	77
Own use in electricity, CHP and heat plants	2505	4542	4753	4873	6549	6586
Net production	43229	46682	52644	55017	57693	62212
Imports	736	657	936	295	686	610
Exports	803	799	985	384	877	641
Losses	9091	9899	11068	11023	11003	11196
Consumption	34069	36639	41527	43908	46499	50985
Energy industries own use	599	772	750	750	748	832
By industry and construction	12700	13138	14961	15670	16020	17441
By transport	634	696	783	796	867	974
By households and other cons.	20136	22033	25033	26692	28864	31738
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	11780	*12696	*15620	*18116	*19148	*20687
Combustible fuels	11505	*12421	*15320	*17816	*18848	*20333
Hydro	275	*275	*300	*300	*300	*300
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	*54
Main activity	11482	*11542	*13003	*15097	*15957	*17239
Combustible fuels	11207	*11267	*12703	*14797	*15657	*16885
Hydro	275	*275	*300	*300	*300	*300
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	*54
Combustible fuel input	Terajoules					
Gas-diesel oil	13029	13631	15093	15265	15695	18103
Natural gas	477739	536970	590449	573653	623247	701791
Total input	490768	550601	605542	588918	638942	719894
Total production	164016	182599	204390	214416	230357	246874
Estimated efficiency (% of production to input)	33	33	34	36	36	34

Statistics on electricity

American Samoa

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	159	155	157	*156	157	169
Combustible fuels	159	155	156	*155	156	168
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	1	*1	*1	2
Main activity	159	155	157	*156	157	169
Combustible fuels	159	155	156	*155	156	168
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	1	*1	*1	2
Own use in electricity, CHP and heat plants	5	7	8	*7	10	0
Net production	154	148	149	*149	147	169
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	12	12	15	14	13	*14
Consumption	142	136	134	136	135	*156
Energy industries own use	..	..	..	..	..	..
By industry and construction	21	22	23	23	23	*32
By transport	..	..	..	..	..	..
By households and other cons.	121	114	112	112	112	*124
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	45	41	*42	*42	42	*45
Combustible fuels	45	41	*41	*41	41	*42
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	1	*1	1	3
Main activity	45	41	*42	*42	42	*45
Combustible fuels	45	41	*41	*41	41	*42
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	0	1	*1	1	3
Combustible fuel input	Terajoules					
Gas-diesel oil	*1484	*1445	*1449	*1449	*1453	*1565
Total input	*1484	*1445	*1449	*1449	*1453	*1565
Total production	573	558	560	*559	561	604
Estimated efficiency (% of production to input)	39	39	39	39	39	39

Statistics on electricity

Andorra

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	113	91	88	115	127	99
Combustible fuels	13	12	12	13	13	14
Hydro	100	79	76	102	113	86
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	113	91	88	115	127	99
Combustible fuels	13	12	12	13	13	14
Hydro	100	79	76	102	113	86
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	113	91	88	115	127	99
Imports	471	466	474	438	415	*452
Exports	..	..	..	3	..	..
Losses	78	75	74	71	67	68
Consumption	506	483	488	482	474	483
Energy industries own use	..	..	..	..	..	..
By industry and construction	10	9	9	10	8	8
By transport	..	..	..	..	..	..
By households and other cons.	496	474	480	473	467	475
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*32	*32	50	*50	*50	*50
Combustible fuels	*5	*5	5	*5	*5	*5
Hydro	*27	*27	45	*45	*45	*45
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*32	*32	50	*50	*50	*50
Combustible fuels	*5	*5	5	*5	*5	*5
Hydro	*27	*27	45	*45	*45	*45
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Municipal waste	*218	*211	*211	*232	*241	*248
Total input	*218	*211	*211	*232	*241	*248
Total production	46	44	42	46	48	50
Estimated efficiency (% of production to input)	21	21	20	20	20	20

Statistics on electricity

Angola

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	5449	5651	6204	8216	9480	9764
Combustible fuels	1746	1644	2432	3449	4439	4572
Hydro	3703	4007	3772	4767	5041	5192
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	5104	5326	5847	7743	8934	9202
Combustible fuels	1401	1319	2075	2976	3893	4010
Hydro	3703	4007	3772	4767	5041	5192
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	136	139	153	203	234	241
Net production	5313	5512	6051	8013	9246	9523
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	627	637	699	926	1068	1100
Consumption	4686	4875	5352	7087	8178	8423
Energy industries own use	..	..	..	..	..	..
By industry and construction	1578	1643	1804	2389	2757	2840
By transport	..	..	..	..	..	..
By households and other cons.	3108	3232	3548	4698	5421	5583
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1439	*1530	*1530	*1530	*2070	*2533
Combustible fuels	*657	*770	*770	*770	*770	*1091
Hydro	782	760	760	*760	*1300	*1442
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1309	1400	1400	*1400	*1940	*2349
Combustible fuels	*527	*640	*640	*640	*640	*907
Hydro	782	760	760	*760	*1300	*1442
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	19866	18705	18576	28294	43000	48848
Fuel oil	11514	10827	5939	2788	3030	1697
Total input	31380	29532	24515	31082	46030	50545
Total production	6286	5918	8755	12416	15980	16459
Estimated efficiency (% of production to input)	20	20	36	40	35	33

Statistics on electricity

Anguilla

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	99	95	90	89	90	94
Combustible fuels	99	95	90	89	90	94
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	99	95	90	89	90	94
Combustible fuels	99	95	90	89	90	94
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2	3	3	3	3	3
Net production	97	92	87	86	87	92
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	9	9	8	9	9	10
Consumption	*87	*84	*79	*77	*78	*81
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*87	*84	*79	*77	*78	*81
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	28	28	28	28	28	28
Combustible fuels	28	28	28	28	28	28
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	28	28	28	28	28	28
Combustible fuels	28	28	28	28	28	28
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	890	860	813	796	821	860
Total input	890	860	813	796	821	860
Total production	355	343	322	319	322	339
Estimated efficiency (% of production to input)	40	40	40	40	39	39

Statistics on electricity

Antigua and Barbuda

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	335	334	330	*330	*336	*340
Combustible fuels	330	329	330	*330	*336	*340
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	5	..	..	..	..
Main activity	334	333	329	*329	*335	*339
Combustible fuels	329	328	329	*329	*335	*339
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	5	5	..	..	..	..
Own use in electricity, CHP and heat plants	6	6	10	*15	*7	*3
Net production	329	328	320	*315	*329	*337
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	66	56	76	76	*87	*87
Consumption	237	240	247	*237	*242	*250
Energy industries own use	..	..	..	..	..	..
By industry and construction	8	*8	*8	*8	*9	*10
By transport	..	..	..	..	..	..
By households and other cons.	229	232	239	*229	*233	*240
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	55	84	84	119	*119	*119
Combustible fuels	55	84	84	119	*119	*119
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	54	83	83	118	*118	*118
Combustible fuels	54	83	83	118	*118	*118
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*2408	*2365	*2365	*2365	*2365	*2365
Fuel oil	*1374	*1374	*1414	*1414	*1414	*1454
Total input	*3782	*3739	*3779	*3779	*3779	*3819
Total production	1186	1184	1188	*1188	*1210	*1224
Estimated efficiency (% of production to input)	31	32	31	31	32	32

Statistics on electricity

Argentina

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	125594	129892	135207	140863	138576	145447
Combustible fuels	84480	91592	98719	100758	90850	99165
Hydro	33918	31901	29716	33422	41335	38529
Nuclear	7171	6371	6395	6207	5756	7139
Other	25	28	377	476	635	614
Main activity	110269	114840	119978	126147	124360	131677
Combustible fuels	69247	76598	83548	86095	76671	85431
Hydro	33826	31843	29658	33369	41298	38493
Nuclear	7171	6371	6395	6207	5756	7139
Other	25	28	377	476	635	614
Own use in electricity, CHP and heat plants	4076	4304	3919	4303	3642	3635
Net production	121518	125588	131288	136560	134934	141812
Imports	10299	10929	8116	8303	10028	9018
Exports	1701	1262	506	247	166	55
Losses	16817	18701	18442	19992	17808	20319
Consumption	113308	116551	120569	124624	126989	130458
Energy industries own use	551	561	719	497	723	817
By industry and construction	48331	50458	50535	52859	51397	50428
By transport	669	675	616	594	588	605
By households and other cons.	63757	64857	68699	70674	74281	78608
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	32876	33810	35023	39563	*35945	37593
Combustible fuels	21783	22660	23807	28269	*24651	25541
Hydro	10045	10045	10053	10074	10074	10063
Nuclear	1018	1018	1018	1018	1018	1763
Other	30	*87	145	202	202	226
Main activity	29010	29887	31008	35500	*31931	33947
Combustible fuels	17939	18759	19815	24228	*20659	21917
Hydro	10025	10025	10033	10054	10054	10043
Nuclear	1018	1018	1018	1018	1018	1763
Other	28	*85	143	200	200	224
Combustible fuel input	Terajoules					
Hard Coal	24393	30694	35805	26024	26559	26154
Gas-diesel oil	64500	78905	73229	95976	68069	83850
Fuel oil	93647	108151	117968	93243	114696	129199
Refinery gas	4010	1337	2129	2129	2277	3267
Natural gas	586554	626708	688255	624838	693681	702209
Blast furnace gas	4899	5350	5930	5568	5892	5398
Fuelwood	9270	10500	10655	9829	16528	17477
Bagasse	..	877	3680	8842	*6777	*6294
Vegetal waste	21299	18188	18830	3977	13571	12230
Biodiesel	..	..	1362	1509	1730	1619
Others	5542	5992	3345	2948	1004	484
Total input	814113	886701	961187	874883	950783	988181
Total production	304128	329731	355388	362729	327060	356994
Estimated efficiency (% of production to input)	37	37	37	41	34	36

Statistics on electricity

Armenia

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6491	7433	8036	7710	7750	7799
Combustible fuels	1438	2390	3399	3173	3289	2801
Hydro	2556	2489	2311	2173	1992	2206
Nuclear	2490	2548	2322	2360	2465	2788
Other	7	6	4	4	4	4
Main activity	6491	7433	8036	7710	7750	7799
Combustible fuels	1438	2390	3399	3173	3289	2801
Hydro	2556	2489	2311	2173	1992	2206
Nuclear	2490	2548	2322	2360	2465	2788
Other	7	6	4	4	4	4
Own use in electricity, CHP and heat plants	279	327	337	329	361	369
Net production	6212	7106	7699	7381	7389	7430
Imports	246	205	98	148	206	174
Exports	1077	1533	1696	1313	1314	1424
Losses	730	904	981	949	929	812
Consumption	4667	5151	5120	5404	5353	5368
Energy industries own use	..	..	..	..	..	..
By industry and construction	1047	1083	1180	1209	1479	1577
By transport	119	120	127	124	115	105
By households and other cons.	3501	3948	3813	4071	3759	3686
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3480	3509	4055	4095	4091	4088
Combustible fuels	1906	1906	2394	2394	2390	2390
Hydro	1162	1191	1249	1289	1289	1286
Nuclear	408	408	408	408	408	408
Other	4	4	4	4	4	4
Main activity	3480	3509	4055	4095	4091	4088
Combustible fuels	1906	1906	2394	2394	2390	2390
Hydro	1162	1191	1249	1289	1289	1286
Nuclear	408	408	408	408	408	408
Other	4	4	4	4	4	4
Combustible fuel input	Terajoules					
Natural gas	*12532	*20829	*29622	*28760	*28988	22661
Total input	*12532	*20829	*29622	*28760	*28988	22661
Total production	5177	8604	12236	11423	11840	10084
Estimated efficiency (% of production to input)	41	41	41	40	41	44

Statistics on electricity

Aruba

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	940	931	915	*928	*917	*932
Combustible fuels	834	818	778	*790	*778	*793
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	107	113	136	*138	*138	*138
Main activity	940	931	915	*928	*917	*932
Combustible fuels	834	818	778	*790	*778	*793
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	107	113	136	*138	*138	*138
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	940	931	915	*928	*917	*932
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	151	159	148	149	138	153
Consumption	*790	*772	*766	*779	*779	*778
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*790	*772	*766	*779	*779	*778
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	320	320	320	288	288	288
Combustible fuels	290	290	290	258	258	258
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	30	30	30	30	30	30
Main activity	320	320	320	288	288	288
Combustible fuels	290	290	290	258	258	258
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	30	30	30	30	30	30
Combustible fuel input	Terajoules					
Gas-diesel oil	*843	*667	*559	*559	*568	*581
Fuel oil	*8767	*8888	*8363	*7595	*7716	*7918
Total input	*9610	*9555	*8922	*8154	*8284	*8499
Total production	3001	2944	2801	*2843	*2802	*2856
Estimated efficiency (% of production to input)	31	31	31	35	34	34

Statistics on electricity

Australia

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	252698	253958	251165	249720	248299	252360
Combustible fuels	233670	229535	227552	219663	214767	221479
Hydro	13549	16807	14083	18270	18421	13445
Nuclear	..	..	..	..	..	..
Other	5479	7616	9530	11787	15111	17436
Main activity	234165	234144	231498	226356	223944	226871
Combustible fuels	215557	211246	210440	200120	195263	201872
Hydro	13549	16807	14083	18270	18421	13445
Nuclear	..	..	..	..	..	..
Other	5059	6091	6975	7966	10260	11554
Own use in electricity, CHP and heat plants	15278	13081	14351	13848	14831	12882
Net production	237420	240877	236814	235872	233468	239478
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	16365	16544	14561	13330	11866	14288
Consumption	220929	224241	222149	222335	221601	225192
Energy industries own use	10924	12004	12232	12155	13546	13874
By industry and construction	82103	81502	80016	79645	79483	76894
By transport	3669	3835	4071	4774	4770	5472
By households and other cons.	124233	126900	125830	125761	123802	128952
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	61287	63033	64840	65364	67233	67029
Combustible fuels	49571	50044	50377	50171	50704	49710
Hydro	9449	9464	9466	8713	8724	8724
Nuclear	..	..	..	..	..	..
Other	2267	3525	4997	6480	7805	8595
Main activity	56406	57166	58242	57199	58331	57878
Combustible fuels	45089	45571	46211	45261	45806	44762
Hydro	9449	9464	9466	8713	8724	8724
Nuclear	..	..	..	..	..	..
Other	1868	2131	2565	3225	3801	4392
Combustible fuel input	Terajoules					
Hard Coal	785265	735006	717055	696294	648712	636963
Brown Coal	1205317	1190221	1198113	1024432	955774	1028036
Lignite briquettes	1155	1176	1386	1029	861	672
Biogas	11912	12486	13202	11743	14005	16894
Gas-diesel oil	49450	47128	28079	51987	37195	46569
Fuel oil	5575	5454	5414	7030	6262	7070
Other oil products	3497	3337	2211	3658	2894	3538
Natural gas	454153	468931	514586	517482	530826	553022
Fuelwood	*1948	*1301	*1315	*1182	*1731	*3669
Bagasse	*16864	*11260	*11385	*10233	*14980	*16886
Others	3442	3061	2883	0	0	0
Total input	2538578	2479361	2495628	2325070	2213240	2313319
Total production	841212	826326	819187	790787	773161	797324
Estimated efficiency (% of production to input)	33	33	33	34	35	34

Statistics on electricity

Austria

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	71129	65811	72601	68312	65442	65299
Combustible fuels	27399	25907	22094	18758	15962	18915
Hydro	41558	37782	47696	45805	44836	40592
Nuclear	..	..	..	..	..	..
Other	2172	2122	2811	3749	4644	5792
Main activity	61648	56351	64030	60215	57741	57466
Combustible fuels	18994	17424	14072	11227	8837	11576
Hydro	40500	36816	47158	45253	44273	40113
Nuclear	..	..	..	..	..	..
Other	2154	2111	2800	3735	4631	5777
Own use in electricity, CHP and heat plants	2990	3114	3064	3452	2923	3767
Net production	68139	62697	69537	64860	62519	61532
Imports	19898	24972	23264	24960	26712	29369
Exports	17567	16777	20455	17689	17437	19311
Losses	3351	3307	3359	3388	3284	3327
Consumption	67119	67585	68987	68743	68510	68263
Energy industries own use	6802	7392	7900	7732	7832	7450
By industry and construction	25835	26357	26499	26568	27055	27228
By transport	3429	3110	3044	3073	3059	3109
By households and other cons.	31053	30726	31544	31370	30564	30476
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	21187	22556	22917	23591	24048	24443
Combustible fuels	7345	8178	8161	8170	7859	7665
Hydro	12706	12980	13076	13149	13293	13351
Nuclear	..	..	..	..	..	..
Other	1136	1398	1680	2272	2896	3427
Main activity	18876	20182	20568	21212	21792	22205
Combustible fuels	5582	6339	6347	6326	6136	5964
Hydro	12158	12445	12541	12614	12760	12814
Nuclear	..	..	..	..	..	..
Other	1136	1398	1680	2272	2896	3427
Combustible fuel input	Terajoules					
Hard Coal	44776	48302	39448	38085	27053	27341
Biogas	5670	5942	6978	6461	10321	10563
Fuel oil	14302	11433	8686	8484	6141	8242
Natural gas	115073	101925	85531	64316	53666	71993
Coke-oven gas	2584	2497	2592	2017	2703	4331
Blast furnace gas	14468	14979	14233	16294	16187	15536
Fuelwood	*43213	*44856	*48880	*41984	*42709	*42219
Municipal waste	12507	13429	13309	13552	16518	17283
Industrial waste	5402	5766	6619	6491	5307	5726
Black liquor	*1728	*4048	*6909	*5099	*5100	*4051
Others	2059	1118	1218	1027	1218	1466
Total input	261781	254295	234403	203810	186923	208750
Total production	98636	93265	79538	67529	57463	68094
Estimated efficiency (% of production to input)	38	37	34	33	31	33

Statistics on electricity

Azerbaijan

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	18710	20294	22988	23354	24728	24688
Combustible fuels	15263	17618	21167	21863	23423	23041
Hydro	3446	2676	1821	1489	1300	1637
Nuclear	..	..	..	..	..	..
Other	1	..	..	2	5	10
Main activity	18450	19993	21358	21554	22701	22541
Combustible fuels	15003	17317	19537	20065	21401	20904
Hydro	3446	2676	1821	1489	1300	1637
Nuclear	..	..	..	..	..	..
Other	1	..	..	..	..	..
Own use in electricity, CHP and heat plants	975	947	977	961	998	982
Net production	17735	19347	22011	22393	23730	23706
Imports	100	128	141	127	124	108
Exports	462	805	680	495	489	265
Losses	3830	3973	3368	3281	3363	2869
Consumption	13419	14567	18023	18661	19914	20573
Energy industries own use	1184	1300	2629	2679	3007	2954
By industry and construction	1758	2130	3027	2996	3161	3163
By transport	545	545	523	531	536	482
By households and other cons.	9932	10592	11844	12455	13210	13974
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	6396	6350	6520	7353	7355	7811
Combustible fuels	5401	5352	5497	6264	6270	6690
Hydro	995	998	1023	1084	1078	1103
Nuclear	..	..	..	..	..	..
Other	0	..	..	5	7	18
Main activity	6296	6250	6294	7112	7106	7131
Combustible fuels	5301	5252	5271	6028	6028	6028
Hydro	995	998	1023	1084	1078	1103
Nuclear	..	..	..	..	..	..
Other	0	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	129	129	215	258	215	215
Fuel oil	81	3313	3959	0	162	15716
Natural gas	161896	180185	203578	206854	214193	212772
Municipal waste	..	..	..	2104	2628	3037
Total input	162106	183627	207752	209216	217198	231740
Total production	54947	63425	76201	78707	84323	82948
Estimated efficiency (% of production to input)	34	35	37	38	39	36

Statistics on electricity

Bahamas

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2010	2054	1900	1885	1922	*2117
Combustible fuels	2010	2054	1900	1885	1922	*2117
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1937	1981	1827	1811	1848	*2041
Combustible fuels	1937	1981	1827	1811	1848	*2041
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*70	*69	*70	74	*74	*76
Net production	1940	1985	1830	1811	1848	*2041
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*61	*59	*52	*44	*12	*27
Consumption	1879	1926	1778	1767	1836	*2014
Energy industries own use	..	..	..	..	..	..
By industry and construction	1094	1130	1047	1048	1008	*1043
By transport	..	..	..	..	..	..
By households and other cons.	785	796	731	719	828	*971
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	591	591	591	591	576	576
Combustible fuels	591	591	591	591	576	576
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	536	536	536	536	537	537
Combustible fuels	536	536	536	536	537	537
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	17157	17329	15738	*15394	*16598	*17243
Liquefied petroleum gas	33	19	47	..	..	..
Total input	17190	17348	15785	*15394	*16598	*17243
Total production	7236	7394	6840	6786	6919	*7621
Estimated efficiency (% of production to input)	42	43	43	44	42	44

Statistics on electricity

Bahrain

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	23441	24338	24770	25909	27253	29987
Combustible fuels	23441	24338	24770	25909	27253	29987
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	13230	13706	14260	14743	16264	18718
Combustible fuels	13230	13706	14260	14743	16264	18718
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	193	120	117	62	3	1542
Net production	23248	24218	24653	25847	27250	28445
Imports	192	227	35	70	240	219
Exports	19	107	190	53	237	198
Losses	1614	1563	1417	1351	1073	625
Consumption	22193	22775	23315	24513	26186	27815
Energy industries own use	..	..	..	..	..	..
By industry and construction	11458	12333	12410	13180	13633	13990
By transport	..	..	..	..	..	..
By households and other cons.	10735	10442	10905	11333	12553	13825
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*5868	*5868	*5868	*5868	*6050	6972
Combustible fuels	*5868	*5868	*5868	*5868	*6050	6972
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*2868	*2868	*2868	*2868	*3000	3922
Combustible fuels	*2868	*2868	*2868	*2868	*3000	3922
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Natural gas	355879	363675	372448	389899	406937	404675
Total input	355879	363675	372448	389899	406937	404675
Total production	84388	87617	89172	93272	98111	107953
Estimated efficiency (% of production to input)	24	24	24	24	24	27

Statistics on electricity

Bangladesh

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	40790	44153	48562	53120	55845	59011
Combustible fuels	40061	43281	47785	52086	55108	58287
Hydro	729	872	777	894	588	566
Nuclear	..	..	..	..	..	..
Other	..	..	..	140	149	158
Main activity	28754	31202	35354	38757	40427	42902
Combustible fuels	28025	30330	34577	37723	39690	42178
Hydro	729	872	777	894	588	566
Nuclear	..	..	..	..	..	..
Other	..	..	..	140	149	158
Own use in electricity, CHP and heat plants	2292	2481	2728	2984	3138	3315
Net production	38498	41672	45834	50136	52707	55696
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	4325	4527	5790	7032	6404	6519
Consumption	34521	37113	40242	42881	45965	48570
Energy industries own use	..	..	..	..	..	..
By industry and construction	19595	21251	22215	24056	25585	27035
By transport	..	..	..	..	..	..
By households and other cons.	14926	15862	18027	18825	20380	21535
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	5827	6639	8100	8562	9346	11059
Combustible fuels	5597	6409	7870	8307	9091	10784
Hydro	230	230	230	*230	*230	*250
Nuclear	..	..	..	..	..	..
Other	..	..	..	*25	*25	*25
Main activity	3916	4728	5725	6240	7044	8682
Combustible fuels	3686	4498	5495	5985	6789	8407
Hydro	230	230	230	*230	*230	*250
Nuclear	..	..	..	..	..	..
Other	..	..	..	*25	*25	*25
Combustible fuel input	Terajoules					
Hard Coal	10024	8580	9396	12388	11300	10944
Gas-diesel oil	7697	9718	9718	8901	15781	20210
Fuel oil	7676	21533	34986	42582	48036	36118
Natural gas	435111	434148	470590	509963	530247	557675
Total input	460508	473979	524690	573834	605364	624947
Total production	144220	155812	172026	187510	198389	209833
Estimated efficiency (% of production to input)	31	33	33	33	33	34

Statistics on electricity

Barbados

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1028	1049	1129	1016	1021	1029
Combustible fuels	1028	1049	1129	1016	1021	1029
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1028	1044	1125	1013	1007	1012
Combustible fuels	1028	1044	1125	1013	1007	1012
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	19	41	37	58	58	76
Net production	1009	1008	1091	958	962	954
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	51	68	43	43	48	20
Consumption	958	940	1048	915	*914	*933
Energy industries own use	..	..	..	..	..	..
By industry and construction	63	86	76	73	79	80
By transport	..	..	..	..	..	..
By households and other cons.	895	854	972	842	*836	*853
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	257	242	241	241	249	249
Combustible fuels	257	242	241	241	249	249
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	257	239	239	239	239	239
Combustible fuels	257	239	239	239	239	239
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	1846	2034	1777	1689	773	248
Fuel oil	8008	8538	8682	8632	7413	8060
Other kerosene	329	363	271	*336	*274	0
Natural gas	108	115	152	255	0	179
Bagasse	0	43	38	29	23	23
Total input	10292	11092	10920	10941	8482	8509
Total production	3700	3776	4063	3657	3674	3705
Estimated efficiency (% of production to input)	36	34	37	33	43	44

Statistics on electricity

Belarus

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	34895	32200	30799	31507	34735	34077
Combustible fuels	34849	32157	30723	31361	34602	33941
Hydro	45	42	70	138	121	107
Nuclear	..	..	..	..	..	..
Other	1	1	6	8	12	29
Main activity	32455	29604	27749	28531	31663	30676
Combustible fuels	32412	29566	27681	28394	31541	30554
Hydro	43	38	64	131	114	101
Nuclear	..	..	..	..	..	..
Other	..	..	4	6	8	21
Own use in electricity, CHP and heat plants	2264	2220	2203	2189	2217	2095
Net production	32631	29980	28596	29318	32518	31982
Imports	7767	9289	10398	9382	7806	6104
Exports	5067	3704	2797	3012	4488	3482
Losses	3774	3412	3406	3342	3187	2916
Consumption	31557	32153	32791	32346	32649	31679
Energy industries own use	2175	2257	2413	2411	2429	2400
By industry and construction	13204	13603	13353	12719	12899	12093
By transport	1613	1468	1402	1304	1280	1227
By households and other cons.	14565	14825	15623	15912	16041	15959
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8275	8528	9006	9214	10221	9794
Combustible fuels	8259	8509	8970	9178	10181	9750
Hydro	15	17	34	34	34	34
Nuclear	..	..	..	..	..	..
Other	2	2	2	2	6	10
Main activity	7822	7952	8369	8508	9431	8989
Combustible fuels	7812	7937	8340	8479	9398	8953
Hydro	9	14	28	28	28	28
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	5	8
Combustible fuel input	Terajoules					
Hard Coal	0	0	0	0	0	0
Peat	854	875	885	1081	1291	1222
Biogas	78	116	145	337	363	390
Gas-diesel oil	0	0	0	0	0	0
Fuel oil	8363	3111	8888	1293	2868	3394
Refinery gas	1634	1832	2277	2030	2228	2030
Natural gas	482698	448015	426772	441450	451493	427730
Fuelwood	2820	3088	3180	3365	3523	4001
Industrial waste	604	726	674	686	880	993
Peat products	254	224	342	371	332	371
Others	0	0	0	0	0	..
Total input	497305	457987	443163	450612	462977	440130
Total production	125456	115765	110603	112900	124567	122188
Estimated efficiency (% of production to input)	25	25	25	25	27	28

Statistics on electricity

Belgium

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	95189	90241	82923	83488	72672	70648
Combustible fuels	43470	36969	35843	32408	29610	34036
Hydro	1668	1423	1659	1704	1462	1418
Nuclear	47944	48234	40295	42644	33703	26103
Other	2107	3615	5126	6732	7897	9091
Main activity	89619	83367	74427	74363	62875	60576
Combustible fuels	38722	31408	29740	26359	23114	27500
Hydro	1668	1423	1659	1704	1462	1418
Nuclear	47944	48234	40295	42644	33703	26103
Other	1285	2302	2733	3656	4596	5555
Own use in electricity, CHP and heat plants	3703	3582	3140	3208	2723	2449
Net production	91486	86659	79783	80280	69949	68199
Imports	12395	13189	16848	17243	21791	23714
Exports	11844	10652	6912	7603	4188	2715
Losses	4283	4154	4131	4007	3785	3816
Consumption	87704	85523	86137	86211	84133	84605
Energy industries own use	4393	4931	4424	3182	2980	2891
By industry and construction	38137	37261	37490	37787	37786	37936
By transport	1736	1631	1581	1686	1569	1616
By households and other cons.	43438	41700	42642	43556	41798	42162
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	18690	20098	20773	20972	20934	21146
Combustible fuels	9522	10285	9468	8910	8601	8509
Hydro	1425	1426	1427	1429	1431	1422
Nuclear	5927	5927	5927	5927	5927	5913
Other	1816	2460	3951	4706	4975	5302
Main activity	16664	17553	16904	16696	16503	16709
Combustible fuels	8397	9128	8182	7559	7202	7199
Hydro	1425	1426	1427	1429	1431	1422
Nuclear	5927	5927	5927	5927	5927	5913
Other	915	1072	1368	1781	1943	2175
Combustible fuel input	Terajoules					
Hard Coal	40799	34444	32825	28423	21770	21513
Biogas	4126	3666	4254	4593	5201	5608
Refinery gas	1188	1436	2525	446	1139	1139
Natural gas	246135	187904	186532	163294	148598	169836
Blast furnace gas	14589	15628	16176	16560	16739	16233
Fuelwood	*26137	*29689	*34228	*31337	*23516	*31708
Municipal waste	30872	37361	28588	28188	29535	30347
Industrial waste	8110	7478	8651	5581	6121	6221
Other recovered gases	610	988	1245	1238	1479	1224
Other liquid biofuels	1507	1178	877	658	411	685
Others	3139	2321	1352	1112	777	550
Total input	377212	322092	317253	281428	255285	285063
Total production	156492	133088	129035	116669	106596	122530
Estimated efficiency (% of production to input)	41	41	41	41	42	43

Statistics on electricity

Belize

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*415	*388	*424	*371	*404	*417
Combustible fuels	152	*144	*215	*164	*199	*228
Hydro	*263	*244	*208	*207	*205	*189
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*323	*322	*352	*308	*335	*346
Combustible fuels	*60	*78	*143	*101	*130	*157
Hydro	*263	*244	*208	*207	*205	*189
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*15	*13	*14	*14	*14	*14
Net production	*400	*375	*410	*357	*390	*403
Imports	160	171	172	234	233	255
Exports	..	..	..	..	..	..
Losses	57	51	56	66	65	69
Consumption	503	495	526	536	558	589
Energy industries own use	..	..	..	..	..	..
By industry and construction	112	117	123	130	137	137
By transport	..	..	..	..	..	..
By households and other cons.	391	377	403	406	422	452
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	144	144	144	143	154	154
Combustible fuels	91	91	91	88	99	99
Hydro	53	53	53	55	55	55
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	118	118	118	120	120	120
Combustible fuels	65	65	65	66	66	66
Hydro	53	53	53	55	55	55
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Crude oil	18	14	17	17	15	15
Gas-diesel oil	90	85	86	207	76	82
Fuel oil	147	*147	*162	*174	*174	*176
Natural gas	121	42	56	68	40	64
Bagasse	*1676	*1946	*2193	*1792	*2162	*2626
Total input	*2051	*2235	*2514	*2258	*2467	*2962
Total production	547	*518	*775	*590	*717	*822
Estimated efficiency (% of production to input)	27	23	31	26	29	28

Statistics on electricity

Benin

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	115	101	48	92	239	342
Combustible fuels	115	101	48	92	239	323
Hydro	..	..	..	..	..	14
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	5
Main activity	87	57	28	73	127	230
Combustible fuels	87	57	28	73	127	211
Hydro	..	..	..	..	..	14
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	5
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	115	101	48	92	239	342
Imports	1006	1012	1099	1107	968	1078
Exports	..	..	..	..	..	..
Losses	207	204	212	229	232	269
Consumption	850	838	872	942	953	1105
Energy industries own use	..	..	..	..	..	..
By industry and construction	152	128	139	163	174	280
By transport	..	..	..	..	..	..
By households and other cons.	698	710	733	779	779	825
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	99	100	62	208	*245	*407
Combustible fuels	98	99	61	207	*244	*312
Hydro	*1	*1	*1	*1	*1	*50
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	*45
Main activity	91	92	54	200	*200	*362
Combustible fuels	90	91	53	199	*199	*267
Hydro	*1	*1	*1	*1	*1	*50
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	*45
Combustible fuel input	Terajoules					
Gas-diesel oil	1118	989	430	860	2322	3096
Fuelwood	*22	..	..	..	..	..
Total input	1140	989	430	860	2322	3096
Total production	414	364	173	331	860	1163
Estimated efficiency (% of production to input)	36	37	40	39	37	38

Statistics on electricity

Bermuda

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	742	729	700	677	661	674
Combustible fuels	742	729	700	677	661	674
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	730	717	688	665	649	662
Combustible fuels	730	717	688	665	649	662
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	50	45	48	45	38	40
Net production	692	684	652	632	623	634
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*49	*48	*46	*45	*44	*44
Consumption	651	636	606	586	577	591
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	651	636	606	586	577	591
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*169	169	171	*171	*171	*171
Combustible fuels	*169	169	171	*171	*171	*171
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*165	165	167	*167	*167	*167
Combustible fuels	*165	165	167	*167	*167	*167
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	989	950	*907	*820	*1511	*769
Fuel oil	*4305	*4363	*4977	*4977	*3838	*3838
Municipal waste	*584	*560	*565	*565	*605	*605
Total input	*5878	*5874	*6450	*6363	*5954	*5212
Total production	2673	2623	2521	2438	2379	2427
Estimated efficiency (% of production to input)	45	45	39	38	40	47

Statistics on electricity

Bhutan

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	7328	7068	6827	7640	7004	7748
Combustible fuels	0	0	0	1	1	1
Hydro	7328	7067	6827	7640	7003	7747
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	7328	7068	6827	7640	7004	7748
Combustible fuels	0	0	0	1	1	1
Hydro	7328	7067	6827	7640	7003	7747
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	426	106	120	176	114	110
Net production	6902	6962	6707	7464	6890	7637
Imports	20	20	37	108	187	125
Exports	5268	5268	4890	5648	4992	5721
Losses	19	23	23	21	24	*18
Consumption	1573	1638	1770	1841	2004	2057
Energy industries own use	..	..	..	..	..	..
By industry and construction	1322	1365	1462	1519	1661	1636
By transport	..	..	..	..	..	..
By households and other cons.	251	273	307	322	343	421
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1505	1505	1505	1506	1632	1624
Combustible fuels	17	17	17	17	17	*17
Hydro	1488	1488	1488	1488	1614	1606
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	1505	1505	1505	1506	1632	1624
Combustible fuels	17	17	17	17	17	*17
Hydro	1488	1488	1488	1488	1614	1606
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*3	*3	*2	*6	*5	*6
Total input	*3	*3	*2	*6	*5	*6
Total production	1	1	1	2	2	2
Estimated efficiency (% of production to input)	33	33	33	33	33	31

Statistics on electricity

Bolivia (Plur. State of)

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6777	7220	7661	8065	8755	8528
Combustible fuels	4592	4870	5306	5526	6490	6042
Hydro	2182	2347	2352	2535	2251	2463
Nuclear	..	..	..	..	..	..
Other	3	3	3	4	14	23
Main activity	6658	7098	7538	8006	8563	8327
Combustible fuels	4476	4751	5186	5470	6304	5852
Hydro	2182	2347	2352	2535	2251	2463
Nuclear	..	..	..	..	..	..
Other	..	..	..	1	8	12
Own use in electricity, CHP and heat plants	123	140	159	191	192	208
Net production	6654	7080	7502	7874	8563	8320
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	783	796	869	728	805	815
Consumption	6112	6329	6613	6962	7392	7875
Energy industries own use	..	..	..	..	..	..
By industry and construction	1717	1734	1790	1882	2016	2112
By transport	..	..	..	..	..	..
By households and other cons.	4395	4595	4823	5080	5376	5763
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1647	1684	1882	*2114	*1606	*2199
Combustible fuels	1157	1188	1387	*1618	*1143	*1699
Hydro	488	494	494	*494	*455	*484
Nuclear	..	..	..	..	..	..
Other	*2	*2	*2	*3	8	16
Main activity	1508	1563	1746	*1959	*1487	*2040
Combustible fuels	1047	1096	1279	*1492	*1053	*1573
Hydro	462	467	467	*467	*431	*458
Nuclear	..	..	..	..	..	..
Other	..	..	..	*1	3	8
Combustible fuel input	Terajoules					
Gas-diesel oil	1677	1462	1978	1892	2236	2451
Natural gas	55467	60161	62116	60107	68418	63165
Vegetal waste	*2776	*2869	*2880	*1339	*4470	*4553
Total input	59920	64492	66974	63338	75124	70169
Total production	16531	17532	19102	19894	23364	21751
Estimated efficiency (% of production to input)	28	27	29	31	31	31

Statistics on electricity

Bonaire, St Eustatius, Saba

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	..	..	114	116	120	127
Combustible fuels	..	..	81	80	79	87
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	33	37	41	40
Main activity	..	..	114	116	120	127
Combustible fuels	..	..	81	80	79	87
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	33	37	41	40
Own use in electricity, CHP and heat plants	..	..	11	12	11	11
Net production	..	..	102	105	109	116
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	*19	*20	*21	*20
Consumption	..	..	*83	*85	*88	*96
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	*48	*50	*50	*51
By transport	..	..	..	..	..	..
By households and other cons.	..	..	*35	*36	*38	*45
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	..	..	*27	*27	*27	*27
Combustible fuels	..	..	*16	*16	*16	*16
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	11	11	11	11
Main activity	..	..	*27	*27	*27	*27
Combustible fuels	..	..	*16	*16	*16	*16
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	11	11	11	11
Combustible fuel input	Terajoules					
Fuel oil	..	..	*982	*1042	*1042	*1050
Total input	..	..	*982	*1042	*1042	*1050
Total production	..	..	292	287	284	312
Estimated efficiency (% of production to input)	..	..	30	27	27	30

Statistics on electricity

Bosnia and Herzegovina

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	17124	15280	14082	17451	16160	15629
Combustible fuels	9098	10893	9867	10215	10225	10078
Hydro	8026	4387	4215	7236	5935	5551
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	16722	14955	13739	17082	15757	15144
Combustible fuels	8696	10568	9524	9846	9822	9593
Hydro	8026	4387	4215	7236	5935	5551
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	966	1053	1047	998	988	985
Net production	16158	14227	13035	16453	15172	14644
Imports	3076	4171	4481	3167	3162	3872
Exports	6905	5660	4525	6862	5998	6007
Losses	1602	1549	1496	1448	1322	1394
Consumption	10727	11189	11495	11310	11014	11115
Energy industries own use	380	401	398	377	427	440
By industry and construction	3819	4215	4383	4149	3910	3999
By transport	136	139	107	84	80	91
By households and other cons.	6392	6434	6607	6700	6597	6585
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*4304	*4304	*4304	*4304	*4304	*4304
Combustible fuels	*2187	*2187	*2187	*2187	*2187	*2187
Hydro	*2117	*2117	*2117	*2117	*2117	*2117
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*4074	*4074	*4074	*4074	*4074	*4074
Combustible fuels	*1957	*1957	*1957	*1957	*1957	*1957
Hydro	*2117	*2117	*2117	*2117	*2117	*2117
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Brown Coal	130495	155858	145338	139422	142903	142606
Fuel oil	485	364	283	485	485	566
Natural gas	680	681	719	530	416	460
Total input	131660	156902	146340	140437	143803	143632
Total production	32753	39215	35521	36774	36810	36281
Estimated efficiency (% of production to input)	25	25	24	26	26	25

Statistics on electricity

Botswana

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	532	437	251	761	2364	*2967
Combustible fuels	532	437	250	760	2363	*2966
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	1	1
Main activity	532	437	251	761	2364	*2967
Combustible fuels	532	437	250	760	2363	*2966
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	1	1	1	1
Own use in electricity, CHP and heat plants	75	66	31	92	291	*410
Net production	457	371	220	669	2073	*2557
Imports	2985	3180	3371	2981	1684	1468
Exports	..	..	..	..	..	..
Losses	333	434	393	340	255	535
Consumption	3109	3118	3198	3310	3449	3495
Energy industries own use	..	..	..	..	..	..
By industry and construction	1141	1117	1086	1128	1463	1462
By transport	..	..	..	..	..	..
By households and other cons.	1967	2001	2112	2183	1986	2033
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	152	152	153	753	621	621
Combustible fuels	152	152	152	752	620	620
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	..	1	1	1	1
Main activity	132	132	133	733	601	601
Combustible fuels	132	132	132	732	600	600
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	..	1	1	1	1
Combustible fuel input	Terajoules					
Hard Coal	8495	6985	3988	12152	38534	27800
Gas-diesel oil	0	602	1032	1591	1419	1548
Total input	8495	7587	5020	13743	39953	29348
Total production	1916	1574	898	2736	8507	*10677
Estimated efficiency (% of production to input)	23	21	18	20	21	36

Statistics on electricity

Brazil

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	515798	531759	552498	570838	590542	581228
Combustible fuels	95809	85062	116068	157810	189498	185066
Hydro	403289	428333	415342	390992	373439	359743
Nuclear	14523	15659	16038	15450	15378	14734
Other	2177	2705	5050	6586	12227	21685
Main activity	442803	454726	474469	484675	496510	484922
Combustible fuels	43504	30741	58502	93705	117565	109876
Hydro	382599	405621	394879	368939	351351	338673
Nuclear	14523	15659	16038	15450	15378	14734
Other	2177	2705	5050	6581	12216	21639
Own use in electricity, CHP and heat plants	5685	5075	6129	7666	8688	8435
Net production	510113	526684	546369	563172	581854	572793
Imports	35906	38430	40722	40334	33778	34642
Exports	1257	2544	467	0	3	219
Losses	85747	87524	94355	94995	89157	91067
Consumption	459015	475045	492269	508510	526473	516148
Energy industries own use	21152	18297	20221	22056	22472	23461
By industry and construction	203351	209390	209622	210159	207046	197931
By transport	1662	1700	1785	1884	1979	2055
By households and other cons.	232850	245658	260641	274411	294976	292701
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	112400	117134	120973	126743	133913	140857
Combustible fuels	29154	31243	32786	36528	37827	39563
Hydro	80637	82459	84294	86018	89193	91650
Nuclear	2007	2007	2007	1990	1990	1990
Other	602	1425	1886	2207	4903	7654
Main activity	96867	99359	102155	106831	113012	118006
Combustible fuels	17013	17905	18448	21426	21800	21607
Hydro	77245	78022	79814	81213	84330	86766
Nuclear	2007	2007	2007	1990	1990	1990
Other	602	1425	1886	2202	4892	7643
Combustible fuel input	Terajoules					
Hard Coal	130745	127206	168334	236287	263308	266396
Gas-diesel oil	95331	91934	116874	116788	145039	107113
Fuel oil	45167	29411	54015	91748	145400	132835
Refinery gas	19597	13463	17194	30210	22459	22295
Other oil products	5186	8241	10693	8643	9447	9970
Natural gas	307963	230183	398537	611516	739443	722325
Coke-oven gas	13318	13171	11595	11153	14839	10749
Fuelwood	11592	10752	11391	12570	14141	15785
Bagasse	147963	144372	160527	190829	207176	216072
Vegetal waste	94463	128035	143236	103244	194488	236450
Others	1121	0	0	0	0	0
Total input	872447	796769	1092396	1412987	1755739	1739990
Total production	344912	306223	417845	568116	682193	666238
Estimated efficiency (% of production to input)	40	38	38	40	39	38

Statistics on electricity

British Virgin Islands

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*128	132	*131	*131	*134	*134
Combustible fuels	*128	131	*130	*130	*132	*132
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	*1	*1	*1	*2	*2
Main activity	*128	132	*131	*131	*134	*134
Combustible fuels	*128	131	*130	*130	*132	*132
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	*1	*1	*1	*2	*2
Own use in electricity, CHP and heat plants	*6	6	*6	*6	*6	*6
Net production	*122	126	*125	*125	*128	*128
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*15	*15	*15	*15	*15	*15
Consumption	*107	*111	*110	*110	*113	*113
Energy industries own use	..	..	..	..	..	..
By industry and construction	*3	*3	*3	*3	*4	*4
By transport	..	..	..	..	..	..
By households and other cons.	*104	*108	*107	*107	*109	*109
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	44	45	45	45	45	45
Combustible fuels	44	44	44	44	44	44
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	1	1
Main activity	44	45	45	45	45	45
Combustible fuels	44	44	44	44	44	44
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	0	1	1	1	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	*1380	*1415	*1406	*1406	*1410	*1415
Total input	*1380	*1415	*1406	*1406	*1410	*1415
Total production	*461	472	*468	*468	*475	*475
Estimated efficiency (% of production to input)	33	33	33	33	34	34

Statistics on electricity

Brunei Darussalam

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3792	3725	3930	4402	4506	4200
Combustible fuels	3792	3723	3928	4400	4504	4198
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	2	2	2	2	2
Main activity	3440	3395	3524	3942	4010	3738
Combustible fuels	3440	3393	3522	3940	4008	3736
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	2	2	2	2	2
Own use in electricity, CHP and heat plants	159	68	79	440	451	420
Net production	3633	3657	3851	3962	4055	3780
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	368	267	243	409	289	269
Consumption	3265	3390	3609	3553	3765	3737
Energy industries own use	351	326	401	398	408	346
By industry and construction	180	226	213	189	203	189
By transport	..	..	..	..	..	..
By households and other cons.	2734	2838	2995	2966	3154	3202
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*785	*803	806	*811	*811	*819
Combustible fuels	*785	*802	805	*810	*810	*818
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	*1	1	*1	*1	*1
Main activity	*715	*731	697	*701	*701	*709
Combustible fuels	*715	*730	696	*700	*700	*708
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	*1	1	*1	*1	*1
Combustible fuel input	Terajoules					
Gas-diesel oil	387	430	430	430	473	473
Natural gas	54554	52528	55917	53434	55145	46433
Total input	54941	52958	56347	53864	55618	46906
Total production	13651	13403	14141	15840	16214	15113
Estimated efficiency (% of production to input)	25	25	25	29	29	32

Statistics on electricity

Bulgaria

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	46653	50797	47329	43784	47485	49228
Combustible fuels	25001	29807	25518	22067	23858	24840
Hydro	5693	3691	3976	4795	5163	6147
Nuclear	15249	16314	15785	14171	15867	15383
Other	710	985	2050	2751	2597	2858
Main activity	46411	50650	47059	43516	47232	48840
Combustible fuels	24773	29683	25263	21815	23619	24475
Hydro	5693	3691	3976	4795	5163	6147
Nuclear	15249	16314	15785	14171	15867	15383
Other	696	962	2035	2735	2583	2835
Own use in electricity, CHP and heat plants	4435	4953	4470	3966	4254	4501
Net production	42218	45844	42859	39818	43231	44727
Imports	1167	1449	2353	3351	4319	4251
Exports	9613	12110	10661	9532	13774	14826
Losses	4480	4396	4231	3895	4013	3785
Consumption	29208	30762	30284	29741	29705	30345
Energy industries own use	2105	2341	2439	2209	2031	2019
By industry and construction	7818	8422	8267	8511	8706	8946
By transport	399	367	302	277	306	352
By households and other cons.	18886	19632	19276	18744	18662	19028
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	10067	10262	11684	11651	11425	11017
Combustible fuels	4574	4541	4912	4701	4470	3991
Hydro	3048	3108	3129	3202	3219	3219
Nuclear	1892	1892	1906	1982	1975	1975
Other	553	721	1737	1766	1761	1832
Main activity	9975	10190	11574	11539	11330	10777
Combustible fuels	4522	4495	4849	4636	4410	3854
Hydro	3048	3108	3129	3202	3219	3219
Nuclear	1892	1892	1906	1982	1975	1975
Other	513	695	1690	1719	1726	1729
Combustible fuel input	Terajoules					
Hard Coal	64081	64770	44298	33215	39086	17788
Brown Coal	188950	246990	216856	181217	194391	227468
Lignite briquettes	17033	9132	10766	15517	16641	12610
Biogas	67	83	4	81	412	661
Gas-diesel oil	1677	301	172	129	86	86
Fuel oil	970	808	808	646	525	485
Refinery gas	644	248	743	743	347	99
Petroleum coke	6110	3283	5395	6110	7150	6695
Natural gas	31882	35513	37004	36528	33056	28851
Fuelwood	*91	*316	*549	*757	*1279	1281
Total input	311503	361443	316595	274942	292972	296024
Total production	90004	107305	91865	79441	85889	89424
Estimated efficiency (% of production to input)	29	30	29	29	29	30

Statistics on electricity

Burkina Faso

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	565	530	625	731	870	999
Combustible fuels	448	448	528	625	780	906
Hydro	118	82	97	106	90	93
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	565	442	479	731	870	999
Combustible fuels	448	360	382	625	780	906
Hydro	118	82	97	106	90	93
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	45	54	53	53	59	59
Net production	520	476	573	678	811	941
Imports	385	495	515	532	488	443
Exports	..	..	..	..	..	..
Losses	103	115	135	158	175	183
Consumption	*801	*856	*952	*1052	*1125	*1200
Energy industries own use	..	..	..	..	..	..
By industry and construction	317	329	363	400	414	456
By transport	..	..	..	..	..	..
By households and other cons.	*485	*528	*589	*652	*711	*744
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	238	261	298	248	285	325
Combustible fuels	206	229	266	216	253	293
Hydro	32	32	32	32	32	32
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	238	200	237	248	285	325
Combustible fuels	206	168	205	216	253	293
Hydro	32	32	32	32	32	32
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	2258	2829	3698	3307	3006	2455
Fuel oil	2020	1547	1321	2424	3919	5446
Total input	4278	4377	5019	5731	6925	7901
Total production	1612	1613	1902	2251	2807	3261
Estimated efficiency (% of production to input)	38	37	38	39	41	41

Statistics on electricity

Burundi

Item	2010	2011	2012	2013	2014	2015
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	142	141	142	159	174	166
Combustible fuels	18	13	3	21	34	29
Hydro	124	128	139	138	140	137
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	142	141	142	159	174	166
Combustible fuels	18	13	3	21	34	29
Hydro	124	128	139	138	140	137
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	8	8	8	8	8	8
Net production	134	133	134	151	166	158
Imports	99	104	104	103	91	*96
Exports	..	..	..	..	..	..
Losses	*40	0	0	0	0	0
Consumption	200	*244	*238	*259	*265	*258
Energy industries own use	..	..	..	..	..	..
By industry and construction	82	*100	*98	*106	*109	*106
By transport	..	..	..	..	..	..
By households and other cons.	118	*144	*140	*153	*156	*152
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	39	37	37	39	41	*42
Combustible fuels	*7	*5	*5	*7	*9	*9
Hydro	32	32	32	32	32	*33
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	39	37	37	39	41	*42
Combustible fuels	*7	*5	*5	*7	*9	*9
Hydro	32	32	32	32	32	*33
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	*283	*202	*40	*242	*404	*368
Total input	*283	*202	*40	*242	*404	*368
Total production	63	46	10	74	121	103
Estimated efficiency (% of production to input)	22	23	26	31	30	28