

ELECTRICITY

PROFILES

Statistics on electricity
Afghanistan

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	788	889	892	1005	1022	*1022
Combustible fuels	247	114	125	176	144	*218
Hydro	541	775	767	829	878	*804
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	559	619	622	719	721	*746
Combustible fuels	200	109	120	171	139	*213
Hydro	359	510	502	548	582	*533
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	55	53	27	286	206	*266
Net production	733	836	865	719	816	*756
Imports	835	957	1867	2732	3071	3615
Exports	..	..	..	..	..	..
Losses	*200	*200	*404	404	404	*490
Consumption	*1500	*1600	2400	2300	3265	3022
Energy industries own use	..	..	..	..	..	..
By industry and construction	*300	*300	*500	600	600	*800
By transport	..	..	..	..	..	..
By households and other cons.	*1200	*1300	1900	1700	2665	2222
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	489	*489	*489	431	431	*431
Combustible fuels	115	115	115	115	115	*115
Hydro	374	*374	*374	316	316	*316
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	307	*307	*307	249	249	*249
Combustible fuels	60	60	60	60	60	*60
Hydro	247	*247	*247	189	189	*189
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	*1548	*774	774	1290	1290	*1290
Gas-diesel oil	*1290	*860	860	860	860	*860
Fuel oil	*40	*40	*40	*40	*40	*40
Total input	*2878	*1674	1674	2190	2190	*2190
Total production	889	410	450	634	518	*786
Estimated efficiency (% of production to input)	31	25	27	29	24	36

Statistics on electricity

Albania

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3869	5231	7744	4217	4725	6956
Combustible fuels	72	1	1	59	0	0
Hydro	3797	5230	7743	4158	4725	6956
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3869	5231	7744	4217	4725	6956
Combustible fuels	72	1	1	59	0	0
Hydro	3797	5230	7743	4158	4725	6956
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	72	1	1	59	0	0
Net production	3797	5230	7743	4158	4725	6956
Imports	2434	1885	1985	3262	2538	2323
Exports	0	486	2934	232	0	0
Losses	1199	1250	1121	1076	1119	1953
Consumption	5031	5379	5673	6112	6144	7325
Energy industries own use	284	5	5	455	384	433
By industry and construction	851	829	1035	1053	1192	1388
By transport	..	..	..	..	..	..
By households and other cons.	3897	4545	4633	4604	4568	5505
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1688	1597	1613	1613	1767	1918
Combustible fuels	123	123	123	123	123	123
Hydro	1553	1460	1476	1476	1629	1781
Nuclear	..	..	..	..	..	..
Other	12	14	14	14	15	14
Main activity	1663	1572	1588	1588	1742	1893
Combustible fuels	98	98	98	98	98	98
Hydro	1553	1460	1476	1476	1629	1781
Nuclear	..	..	..	..	..	..
Other	12	14	14	14	15	14
Combustible fuel input	Terajoules					
Refinery gas	0	0	0	0	0	0
Other oil products	0	68	201	429	0	0
Total input	0	68	201	429	0	0
Total production	260	3	3	213	0	0
Estimated efficiency (% of production to input)	..	5	2	50	..	..

Statistics on electricity
Algeria

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	40236	38501	45734	51224	57397	59890
Combustible fuels	39953	38195	45560	50722	56775	59560
Hydro	283	306	174	502	622	330
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	39720	38207	45173	48872	54086	56148
Combustible fuels	39437	37901	44999	48370	53464	55818
Hydro	283	306	174	502	622	330
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	2360	2133	2505	4542	4753	4873
Net production	37876	36368	43229	46682	52644	55017
Imports	274	330	736	657	936	295
Exports	323	362	803	799	985	384
Losses	7287	7859	9091	9899	11068	11023
Consumption	30541	28476	34069	36639	41527	43908
Energy industries own use	588	565	599	772	750	750
By industry and construction	9666	10116	12700	13138	14961	15670
By transport	367	540	634	696	783	796
By households and other cons.	19920	17255	20136	22033	25033	26692
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8041	11325	11332	*11545	*13087	*15097
Combustible fuels	7761	11050	11057	*11270	*12787	*14797
Hydro	280	275	275	*275	*300	*300
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	7743	11027	11034	*10391	*10470	*12078
Combustible fuels	7463	10752	10759	*10116	*10170	*11778
Hydro	280	275	275	*275	*300	*300
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	9761	7697	13029	34658	47214	52202
Natural gas	463345	477300	477739	515864	558234	536620
Total input	473106	484997	490768	550522	605448	588822
Total production	143831	137502	164016	182599	204390	214416
Estimated efficiency (% of production to input)	30	28	33	33	34	36

Statistics on electricity

American Samoa

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	188	178	159	155	157	*156
Combustible fuels	188	178	159	155	156	*155
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	*1
Main activity	188	178	159	155	157	*156
Combustible fuels	188	178	159	155	156	*155
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	*1
Own use in electricity, CHP and heat plants	7	7	5	7	8	*7
Net production	182	172	154	148	149	*149
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	15	14	12	12	15	14
Consumption	167	158	142	136	134	136
Energy industries own use	..	..	..	..	..	..
By industry and construction	41	37	21	22	23	23
By transport	..	..	..	..	..	..
By households and other cons.	126	122	121	114	112	112
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	45	49	45	41	*42	*42
Combustible fuels	45	49	45	41	*41	*41
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	*1
Main activity	45	49	45	41	*42	*42
Combustible fuels	45	49	45	41	*41	*41
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	1	*1
Combustible fuel input	Terajoules					
Total input	..	..	..	..	..	..
Total production	678	642	573	558	560	*559
Estimated efficiency (% of production to input)	..	..	..	..	..	..

Statistics on electricity

Andorra

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	79	*81	113	103	88	115
Combustible fuels	*16	*19	13	12	12	13
Hydro	63	*62	100	91	76	102
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	79	*81	113	103	88	115
Combustible fuels	*16	*19	13	12	12	13
Hydro	63	*62	100	91	76	102
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	12	12	13
Net production	79	*81	113	91	76	101
Imports	512	*506	471	466	*466	466
Exports	..	..	..	..	..	3
Losses	76	76	78	75	*75	*75
Consumption	499	524	506	483	*483	*483
Energy industries own use	..	..	..	..	..	..
By industry and construction	12	11	10	9	*9	*9
By transport	..	..	..	..	..	..
By households and other cons.	487	513	496	474	*474	*474
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	32	*32	*32	*32	*32	*32
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	27	*27	*27	*27	*27	*27
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	32	*32	*32	*32	*32	*32
Combustible fuels	*5	*5	*5	*5	*5	*5
Hydro	27	*27	*27	*27	*27	*27
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Municipal waste	*226	*224	*218	*211	*211	*232
Total input	*226	*224	*218	*211	*211	*232
Total production	*57	*68	46	44	42	46
Estimated efficiency (% of production to input)	25	31	21	21	20	20

Statistics on electricity

Angola

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	4156	4735	5449	5651	5613	5995
Combustible fuels	1022	1641	1746	1644	1633	1744
Hydro	3134	3094	3703	4007	3980	4251
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	3954	4411	5104	5326	5290	5650
Combustible fuels	820	1317	1401	1319	1310	1399
Hydro	3134	3094	3703	4007	3980	4251
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	208	237	136	139	138	147
Net production	3948	4498	5313	5512	5475	5848
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	416	474	627	637	633	676
Consumption	3532	4024	4686	4875	4842	5172
Energy industries own use	..	..	..	..	..	..
By industry and construction	1122	1278	1578	1643	1632	1743
By transport	..	..	..	..	..	..
By households and other cons.	2410	2746	3108	3232	3210	3429
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*1155	*1155	1439	*1530	*1530	*1530
Combustible fuels	*657	*657	*657	*770	*770	*770
Hydro	498	498	782	760	760	*760
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*1025	*1025	1309	1400	1400	*1400
Combustible fuels	*527	*527	*527	*640	*640	*640
Hydro	498	498	782	760	760	*760
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	11610	18662	19866	18705	18619	19866
Fuel oil	6747	10827	11514	10827	10746	11474
Total input	18357	29489	31380	29532	29365	31340
Total production	3679	5908	6286	5918	5879	6278
Estimated efficiency (% of production to input)	20	20	20	20	20	20

Statistics on electricity
Anguilla

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	90	91	99	95	90	89
Combustible fuels	90	91	99	95	90	89
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	90	91	99	95	90	89
Combustible fuels	90	91	99	95	90	89
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	1	1	2	3	3	3
Net production	88	90	97	92	87	86
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	9	10	9	9	8	9
Consumption	*79	*80	*87	*84	*79	*77
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	*79	*80	*87	*84	*79	*77
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	23	28	28	28	28	28
Combustible fuels	23	28	28	28	28	28
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	23	28	28	28	28	28
Combustible fuels	23	28	28	28	28	28
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	830	826	886	856	813	796
Total input	830	826	886	856	813	796
Total production	322	328	355	343	322	319
Estimated efficiency (% of production to input)	39	40	40	40	40	40

Statistics on electricity

Antigua and Barbuda

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*296	327	*326	*325	*327	*330
Combustible fuels	*296	327	*326	*325	*327	*330
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*295	326	*325	*324	*326	*329
Combustible fuels	*295	326	*325	*324	*326	*329
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*6	7	*7	*7	*7	*7
Net production	*290	320	*319	*318	*320	*323
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*80	*85	*84	*84	*85	*85
Consumption	*210	217	*221	*230	*235	*237
Energy industries own use	..	..	..	..	..	..
By industry and construction	*5	6	*7	*8	*8	*8
By transport	..	..	..	..	..	..
By households and other cons.	*205	211	*214	*222	*227	*229
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*55	55	55	84	84	*84
Combustible fuels	*55	55	55	84	84	*84
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*54	54	54	83	83	*83
Combustible fuels	*54	54	54	83	83	*83
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*2107	*2000	*2408	*2365	*2365	*2365
Fuel oil	*1172	*1333	*1374	*1374	*1414	*1414
Total input	*3279	*3333	*3782	*3739	*3779	*3779
Total production	*1066	1179	*1174	*1170	*1177	*1188
Estimated efficiency (% of production to input)	33	35	31	31	31	31

Statistics on electricity
Argentina

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	121927	122348	125594	129892	135207	140863
Combustible fuels	83815	79856	84480	91592	98719	100758
Hydro	30740	34295	33918	31901	29716	33422
Nuclear	7330	8161	7171	6371	6395	6207
Other	42	36	25	28	377	476
Main activity	108281	107892	110269	114840	119978	126147
Combustible fuels	70257	65491	69247	76598	83548	86095
Hydro	30652	34204	33826	31843	29658	33369
Nuclear	7330	8161	7171	6371	6395	6207
Other	42	36	25	28	377	476
Own use in electricity, CHP and heat plants	3553	3420	4076	4304	3919	4303
Net production	118374	118928	121518	125588	131288	136560
Imports	8458	8600	10299	10929	8116	8303
Exports	2975	2445	1701	1262	506	247
Losses	16274	17980	16817	18701	18442	19992
Consumption	107584	107096	113308	116551	120569	124624
Energy industries own use	538	715	551	561	719	497
By industry and construction	47444	45520	48331	50458	50535	52859
By transport	653	664	669	675	616	594
By households and other cons.	58949	60197	63757	64857	68699	70674
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	30984	32125	32876	33810	35023	39563
Combustible fuels	19926	21035	21783	22660	23807	28269
Hydro	10011	10044	10045	10045	10053	10074
Nuclear	1018	1018	1018	1018	1018	1018
Other	29	28	30	*87	145	202
Main activity	27355	28330	29010	29887	31008	35500
Combustible fuels	16317	17260	17939	18759	19815	24228
Hydro	9991	10024	10025	10025	10033	10054
Nuclear	1018	1018	1018	1018	1018	1018
Other	29	28	28	*85	143	200
Combustible fuel input	Terajoules					
Hard Coal	11429	11920	21053	26574	30960	22575
Gas-diesel oil	34658	34658	64500	78905	73229	95976
Fuel oil	100030	100030	93647	108151	117968	93243
Refinery gas	7326	5445	4010	1337	2129	2129
Natural gas	615354	616394	586554	626708	688255	624838
Coke-oven gas	5824	4218	5400	5897	2825	2428
Blast furnace gas	5283	3826	4899	5350	5930	5568
Fuelwood	11073	9252	9270	10500	10655	9829
Bagasse	..	..	..	877	3680	8842
Vegetal waste	11418	10269	21299	18188	18830	3977
Others	..	..	142	95	1882	2029
Total input	802396	796012	810773	882581	956342	871434
Total production	301734	287482	304128	329731	355388	362729
Estimated efficiency (% of production to input)	38	36	38	37	37	42

Statistics on electricity
Armenia

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6114	5672	6491	7433	8036	7710
Combustible fuels	1854	1154	1438	2390	3399	3173
Hydro	1797	2020	2556	2489	2311	2173
Nuclear	2461	2494	2490	2548	2322	2360
Other	2	4	7	6	4	4
Main activity	6114	5672	6491	7433	8036	7710
Combustible fuels	1854	1154	1438	2390	3399	3173
Hydro	1797	2020	2556	2489	2311	2173
Nuclear	2461	2494	2490	2548	2322	2360
Other	2	4	7	6	4	4
Own use in electricity, CHP and heat plants	335	295	279	327	337	329
Net production	5779	5377	6212	7106	7699	7381
Imports	338	295	246	205	98	148
Exports	632	325	1077	1533	1696	1313
Losses	860	843	730	904	981	949
Consumption	4902	4487	4667	5151	5120	5404
Energy industries own use	..	..	..	..	..	..
By industry and construction	1171	1009	1047	1083	1180	1209
By transport	120	119	119	120	127	124
By households and other cons.	3611	3359	3501	3948	3813	4071
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	3151	3175	3480	3509	4055	4095
Combustible fuels	1660	1662	1906	1906	2394	2394
Hydro	1080	1102	1162	1191	1249	1289
Nuclear	408	408	408	408	408	408
Other	3	3	4	4	4	4
Main activity	3151	3175	3480	3509	4055	4095
Combustible fuels	1660	1662	1906	1906	2394	2394
Hydro	1080	1102	1162	1191	1249	1289
Nuclear	408	408	408	408	408	408
Other	3	3	4	4	4	4
Combustible fuel input	Terajoules					
Natural gas	20606	12781	*12532	*20829	*29622	*28760
Total input	20606	12781	*12532	*20829	*29622	*28760
Total production	6674	4154	5177	8604	12236	11423
Estimated efficiency (% of production to input)	32	33	41	41	41	40

Statistics on electricity

Aruba

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	914	924	940	931	915	*928
Combustible fuels	914	924	834	818	778	*790
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	107	113	136	*138
Main activity	914	924	940	931	915	*928
Combustible fuels	914	924	834	818	778	*790
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	107	113	136	*138
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	914	924	940	931	915	*928
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	149	150	151	159	148	149
Consumption	764	*774	*790	*772	*766	*779
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	764	*774	*790	*772	*766	*779
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	236	236	320	320	320	288
Combustible fuels	236	236	290	290	290	258
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	30	30	30	30
Main activity	236	236	320	320	320	288
Combustible fuels	236	236	290	290	290	258
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	30	30	30	30
Combustible fuel input	Terajoules					
Gas-diesel oil	*1750	*1871	*843	*667	*215	*215
Fuel oil	*8080	*8080	*8080	*8080	*8080	*8080
Total input	*9830	*9951	*8923	*8747	*8295	*8295
Total production	3289	3327	3001	2944	2801	*2843
Estimated efficiency (% of production to input)	33	33	34	34	34	34

Statistics on electricity
Australia

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	243221	248754	252297	253300	250008	249060
Combustible fuels	227943	232900	233270	229154	227253	219644
Hydro	12057	11869	13549	16807	14083	18270
Nuclear	..	..	..	..	..	..
Other	3221	3985	5478	7339	8672	11146
Main activity	228845	232681	235867	235230	230331	232595
Combustible fuels	213690	216983	217261	212611	210131	206992
Hydro	12057	11869	13549	16807	14083	18270
Nuclear	..	..	..	..	..	..
Other	3098	3829	5057	5812	6117	7333
Own use in electricity, CHP and heat plants	15148	16612	16368	16686	15078	16175
Net production	228073	232142	235929	236614	234930	232885
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	14811	14666	15525	13313	12608	14792
Consumption	213261	217475	220404	223301	222321	218108
Energy industries own use	10899	10985	11163	11689	11924	12084
By industry and construction	78203	78708	79969	81751	79956	79107
By transport	4035	4252	3946	3936	4072	3915
By households and other cons.	120124	123530	125326	125925	126369	123002
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	54350	57059	60068	61939	64246	64026
Combustible fuels	44269	46628	49028	49626	50459	49509
Hydro	8554	8619	8773	8788	8790	8037
Nuclear	..	..	..	..	..	..
Other	1527	1812	2267	3525	4997	6480
Main activity	50646	52987	55730	56490	57566	56523
Combustible fuels	40647	42661	45089	45571	46211	45261
Hydro	8554	8619	8773	8788	8790	8037
Nuclear	..	..	..	..	..	..
Other	1445	1707	1868	2131	2565	3225
Combustible fuel input	Terajoules					
Hard Coal	434214	446546	390922	361148	332227	660661
Brown Coal	1582714	1653988	1587768	1536332	1554308	1229172
Lignite briquettes	1573	1325	1139	1159	1366	1532
Biogas	9881	11987	11913	12554	15597	11768
Gas-diesel oil	40248	28853	25929	25628	28423	29412
Fuel oil	9817	5979	5575	5414	5414	6181
Other oil products	..	2814	1327	1889	2412	2211
Natural gas	370882	428150	432277	502249	515715	519842
Blast furnace gas	953	3186	3442	3061	2883	3017
Fuelwood	*87889	*21594	*18812	*12562	*12745	11466
Total input	2538171	2604422	2479103	2461997	2471089	2475262
Total production	820595	838440	839772	824954	818111	790718
Estimated efficiency (% of production to input)	32	32	34	34	33	32

Statistics on electricity

Austria

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	66877	69088	71128	65813	72617	68301
Combustible fuels	24126	23397	27398	25909	22101	18815
Hydro	40690	43669	41558	37782	47705	45739
Nuclear	..	..	..	..	..	..
Other	2061	2022	2172	2122	2811	3747
Main activity	57951	60603	61649	56353	64043	60201
Combustible fuels	16427	16184	18995	17426	14076	11281
Hydro	39481	42414	40500	36816	47167	45187
Nuclear	..	..	..	..	..	..
Other	2043	2005	2154	2111	2800	3733
Own use in electricity, CHP and heat plants	2257	1474	1867	2037	2117	2440
Net production	64620	67614	69261	63776	70500	65861
Imports	19796	19542	19898	24972	23264	24960
Exports	14933	18762	17567	16777	20454	17688
Losses	3448	3582	3354	3307	3359	3388
Consumption	66035	64813	68238	68664	69951	69745
Energy industries own use	4711	5247	5921	6464	7000	6805
By industry and construction	26196	25504	27120	28063	28119	28192
By transport	3482	3318	3451	3135	3069	3098
By households and other cons.	31646	30744	31746	31002	31763	31650
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	20548	20790	21187	22556	22917	23592
Combustible fuels	7247	7278	7345	8178	8161	8171
Hydro	12263	12446	12706	12980	13076	13149
Nuclear	..	..	..	..	..	..
Other	1038	1066	1136	1398	1680	2272
Main activity	18632	18675	18876	20182	20568	21213
Combustible fuels	5874	5712	5582	6339	6347	6327
Hydro	11720	11897	12158	12445	12541	12614
Nuclear	..	..	..	..	..	..
Other	1038	1066	1136	1398	1680	2272
Combustible fuel input	Terajoules					
Hard Coal	44763	30960	40661	44066	36094	34391
Biogas	6230	5667	5670	5942	6978	6492
Fuel oil	12928	13090	14302	11433	8686	8484
Natural gas	97454	102872	115073	101925	85531	64379
Coke-oven gas	2230	2394	2274	2199	2282	1800
Blast furnace gas	11941	10294	14468	14979	14233	16294
Fuelwood	*37468	*40464	*43213	*44856	*48880	*41984
Municipal waste	9197	11683	12507	13429	13309	13551
Industrial waste	3420	4561	5402	5766	6619	6491
Black liquor	*2071	*199	*1728	*4048	*6909	*5099
Others	2771	2639	2059	1118	1218	1027
Total input	230473	224823	257356	249761	230739	199992
Total production	86854	84229	98633	93272	79564	67734
Estimated efficiency (% of production to input)	38	37	38	37	34	34

Statistics on electricity

Azerbaijan

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	21643	18868	18710	20294	22988	23354
Combustible fuels	19411	16558	15263	17618	21167	21863
Hydro	2232	2308	3446	2676	1821	1489
Nuclear	..	..	..	..	..	..
Other	..	2	1	0	0	2
Main activity	21323	18599	18450	19993	21358	21556
Combustible fuels	19091	16289	15003	17317	19537	20065
Hydro	2232	2308	3446	2676	1821	1489
Nuclear	..	..	..	..	..	..
Other	..	2	1	0	0	2
Own use in electricity, CHP and heat plants	1124	960	975	947	977	961
Net production	20519	17908	17735	19347	22011	22393
Imports	216	110	100	128	141	127
Exports	812	380	462	805	680	495
Losses	3163	4100	3830	3973	3368	3281
Consumption	16638	13436	13419	14567	18023	18661
Energy industries own use	1072	1177	1184	1300	2629	2679
By industry and construction	3245	1904	1758	2130	3027	2996
By transport	577	521	545	545	523	531
By households and other cons.	11744	9834	9932	10592	11844	12455
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	5798	6388	6396	6350	6420	7353
Combustible fuels	4773	5401	5401	5352	5397	6264
Hydro	1025	987	995	998	1023	1084
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	5
Main activity	5698	6288	6296	6250	6294	7117
Combustible fuels	4673	5301	5301	5252	5271	6028
Hydro	1025	987	995	998	1023	1084
Nuclear	..	..	..	..	..	..
Other	..	..	0	0	0	5
Combustible fuel input	Terajoules					
Gas-diesel oil	258	129	129	129	215	172
Fuel oil	18261	5212	81	3313	3959	0
Natural gas	200021	175521	161896	180185	203578	206854
Municipal waste	..	..	..	..	..	2104
Total input	218540	180862	162106	183627	207752	209130
Total production	69880	59609	54947	63425	76201	78707
Estimated efficiency (% of production to input)	32	33	34	35	37	38

Statistics on electricity

Bahamas

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	2251	2140	2011	2054	1901	1885
Combustible fuels	2251	2140	2011	2054	1901	1885
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	2181	2068	1937	1980	1827	1811
Combustible fuels	2181	2068	1937	1980	1827	1811
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	70	72	74	74	74	74
Net production	2181	2068	1937	1980	1827	1811
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	..	..	..	..	..	..
Consumption	1891	1787	1878	1924	1776	1767
Energy industries own use	..	..	..	..	..	..
By industry and construction	1033	987	1094	1129	1046	1048
By transport	..	..	..	..	..	..
By households and other cons.	858	800	784	795	730	719
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	591	591	591	591	591	591
Combustible fuels	591	591	591	591	591	591
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	536	536	536	536	536	536
Combustible fuels	536	536	536	536	536	536
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*15265	*15480	*16340	*16340	*16770	*17114
Total input	*15265	*15480	*16340	*16340	*16770	*17114
Total production	8104	7704	7240	7394	6844	6786
Estimated efficiency (% of production to input)	53	50	44	45	41	40

Statistics on electricity

Bahrain

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	22819	22555	23441	24338	24770	25916
Combustible fuels	22819	22555	23441	24338	24770	25916
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	11937	12056	13230	13706	14260	14750
Combustible fuels	11937	12056	13230	13706	14260	14750
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	253	175	193	120	117	69
Net production	22566	22380	23248	24218	24653	25847
Imports	0	168	192	227	35	70
Exports	275	0	19	107	190	53
Losses	1938	2038	1614	1563	1417	1351
Consumption	20859	20510	22193	22775	23315	24513
Energy industries own use	..	..	..	..	..	..
By industry and construction	12386	11568	11458	12333	12410	13180
By transport	..	..	..	..	..	..
By households and other cons.	8473	8942	10735	10442	10905	11333
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*5477	*5868	*5868	*5868	*5868	*5868
Combustible fuels	*5477	*5868	*5868	*5868	*5868	*5868
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*2477	*2868	*2868	*2868	*2868	*2868
Combustible fuels	*2477	*2868	*2868	*2868	*2868	*2868
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	..	..	..	..	..	121
Natural gas	347645	352235	355879	363675	372448	389899
Total input	347645	352235	355879	363675	372448	390020
Total production	82148	81198	84388	87617	89172	93298
Estimated efficiency (% of production to input)	24	23	24	24	24	24

Statistics on electricity
Bangladesh

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	34218	37177	40790	44153	48562	53043
Combustible fuels	33268	36760	40061	43281	47785	52000
Hydro	950	417	729	872	777	894
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	149
Main activity	25712	27137	28754	31202	35354	38766
Combustible fuels	24762	26720	28025	30330	34577	37723
Hydro	950	417	729	872	777	894
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	149
Own use in electricity, CHP and heat plants	2053	2231	2447	2649	2914	3183
Net production	32165	34946	38343	41504	45648	49860
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	4271	4191	4300	4500	5757	6992
Consumption	27988	30793	34392	36971	40088	42634
Energy industries own use	..	..	..	..	..	..
By industry and construction	16038	17568	19552	21202	22163	23915
By transport	..	..	..	..	..	..
By households and other cons.	11950	13225	14840	15769	17925	18719
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	5453	5719	5827	6639	8100	8537
Combustible fuels	5223	5489	5597	6409	7870	8222
Hydro	230	230	230	230	230	315
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	4195	3812	3916	4728	5725	6315
Combustible fuels	3965	3582	3686	4498	5495	6000
Hydro	230	230	230	230	230	315
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Hard Coal	11713	12152	12358	10578	11584	15274
Gas-diesel oil	7009	6923	7697	9718	9718	8901
Fuel oil	11474	6504	7676	21533	34986	42582
Natural gas	342978	382771	435111	434148	470590	508333
Total input	373174	408350	462842	475977	526879	575089
Total production	119765	132336	144220	155812	172026	187200
Estimated efficiency (% of production to input)	32	32	31	33	33	33

Statistics on electricity
Barbados

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	1054	1068	1028	1049	1129	1016
Combustible fuels	1054	1068	1028	1049	1129	1016
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	1054	1068	1028	1044	1125	1013
Combustible fuels	1054	1068	1028	1044	1125	1013
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	75	72	19	41	37	58
Net production	979	997	1009	1008	1091	958
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	43	45	51	68	43	43
Consumption	936	951	958	940	1048	915
Energy industries own use	..	..	..	..	..	..
By industry and construction	62	63	63	86	76	73
By transport	..	..	..	..	..	..
By households and other cons.	874	889	895	854	972	842
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	210	215	257	242	241	241
Combustible fuels	210	215	257	242	241	241
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	210	215	257	239	239	239
Combustible fuels	210	215	257	239	239	239
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	1881	1707	1846	2034	1777	1689
Fuel oil	9043	9685	8008	8538	8682	8632
Other kerosene	400	335	329	363	271	336
Natural gas	131	82	108	115	152	255
Bagasse	0	0	0	43	38	29
Total input	11456	11808	10292	11092	10920	10941
Total production	3793	3846	3700	3776	4063	3657
Estimated efficiency (% of production to input)	33	33	36	34	37	33

Statistics on electricity
Belarus

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	35048	30376	34895	32192	30799	31507
Combustible fuels	35008	30331	34849	32149	30723	31361
Hydro	39	44	45	42	70	138
Nuclear	..	..	..	..	..	..
Other	1	1	1	1	6	8
Main activity	33660	28640	32455	29604	27749	28531
Combustible fuels	33635	28610	32412	29566	27681	28394
Hydro	25	30	43	38	64	131
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	4	6
Own use in electricity, CHP and heat plants	2269	2130	2264	2220	2203	2189
Net production	32779	28246	32631	29972	28596	29318
Imports	7085	8404	7767	9289	10398	9382
Exports	5245	3933	5067	3704	2797	3012
Losses	3714	3487	3774	3412	3406	3342
Consumption	30896	29230	31557	32145	32791	32346
Energy industries own use	1476	1539	2175	2257	2413	2411
By industry and construction	14518	12332	13204	13603	13353	12719
By transport	1803	1618	1710	1676	1573	1450
By households and other cons.	13099	13741	14468	14609	15452	15766
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	8054	*8106	8275	8375	8975	9181
Combustible fuels	8039	*8089	8259	8356	8939	9144
Hydro	14	*15	15	15	33	33
Nuclear	..	..	..	..	..	..
Other	1	2	2	3	3	*3
Main activity	7729	*7729	7822	7906	8393	8473
Combustible fuels	7719	*7719	7812	7895	8365	8445
Hydro	10	*10	9	9	26	26
Nuclear	..	..	..	..	..	..
Other	..	..	..	2	2	2
Combustible fuel input	Terajoules					
Hard Coal	0	0	0	0	0	0
Peat	859	849	820	839	849	1005
Biogas	14	61	78	116	145	337
Gas-diesel oil	0	0	0	0	0	0
Fuel oil	11878	76800	8363	3111	8888	1293
Refinery gas	0	0	0	1337	2277	2030
Natural gas	469198	345512	482698	448015	426772	441450
Fuelwood	2208	2371	2820	3088	3180	3365
Industrial waste	564	1441	2049	1142	674	686
Peat products	0	39	254	224	342	371
Others	0	0	0	0	0	0
Total input	484720	427074	497081	457872	443127	450536
Total production	126029	109192	125456	115736	110603	112900
Estimated efficiency (% of production to input)	26	26	25	25	25	25

Statistics on electricity

Belgium

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	84930	91225	95120	90235	83084	83456
Combustible fuels	36680	40999	43401	36963	36004	32500
Hydro	1757	1757	1668	1423	1659	1723
Nuclear	45568	47222	47944	48234	40295	42644
Other	925	1247	2107	3615	5126	6589
Main activity	82053	87401	89823	83647	74820	74565
Combustible fuels	34087	37425	38926	31688	30133	26572
Hydro	1757	1757	1668	1423	1659	1723
Nuclear	45568	47222	47944	48234	40295	42644
Other	641	997	1285	2302	2733	3626
Own use in electricity, CHP and heat plants	3546	3702	3684	3506	3138	3263
Net production	81384	87523	91436	86729	79946	80193
Imports	17158	9486	12395	13189	16848	17243
Exports	6561	11321	11844	10652	6912	7603
Losses	4262	4065	4283	4154	4131	4006
Consumption	87594	81544	87704	85213	85739	84916
Energy industries own use	4908	4289	4393	4931	4424	3931
By industry and construction	39019	32676	38137	37261	37490	37230
By transport	1723	1762	1736	1631	1581	1679
By households and other cons.	41944	42817	43438	41390	42244	42076
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	16758	17785	18690	20098	20773	20840
Combustible fuels	9128	9472	9522	10285	9468	8910
Hydro	1418	1417	1425	1426	1427	1429
Nuclear	5825	5902	5927	5927	5927	5927
Other	387	994	1816	2460	3951	4574
Main activity	15739	16321	16664	17553	16904	16574
Combustible fuels	8165	8391	8397	9128	8182	7559
Hydro	1418	1417	1425	1426	1427	1429
Nuclear	5825	5902	5927	5927	5927	5927
Other	331	611	915	1072	1368	1659
Combustible fuel input	Terajoules					
Hard Coal	50387	44918	39242	32714	32818	28483
Biogas	3236	3783	4126	3666	4254	4648
Refinery gas	..	..	1188	1436	2525	446
Natural gas	196771	231547	246135	187904	186532	163292
Blast furnace gas	22372	9470	14589	15628	16176	16560
Fuelwood	*22930	*23575	*26137	*29689	*34228	*31337
Municipal waste	23527	26189	30872	37361	28588	28059
Industrial waste	7523	8886	8954	9175	10079	6080
Other recovered gases	..	..	610	988	1245	1238
Other liquid biofuels	877	2165	1507	1178	877	658
Others	4574	3066	3139	2321	1346	1094
Total input	332197	353598	376499	322060	318667	281894
Total production	132048	147596	156244	133067	129614	117000
Estimated efficiency (% of production to input)	40	42	41	41	41	42

Statistics on electricity

Belize

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	218	*255	415	384	*424	*371
Combustible fuels	11	*35	152	140	*150	*131
Hydro	207	*221	263	245	*275	*240
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	218	*255	334	314	*352	*308
Combustible fuels	11	*35	71	*69	*77	*68
Hydro	207	*221	263	245	*275	*240
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	3	*5	15	*13	*14	*14
Net production	215	*250	400	371	*410	*357
Imports	248	216	160	171	172	234
Exports	..	..	..	..	..	..
Losses	57	49	50	56	56	66
Consumption	407	417	509	485	*527	*536
Energy industries own use	..	..	..	..	..	..
By industry and construction	159	158	160	152	*154	*157
By transport	..	..	..	..	..	..
By households and other cons.	248	259	349	333	*373	*380
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	83	111	144	144	144	143
Combustible fuels	37	65	91	91	91	88
Hydro	46	46	53	53	53	55
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	83	111	116	116	118	120
Combustible fuels	37	65	63	63	65	66
Hydro	46	46	53	53	53	55
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Crude oil	..	..	18	14	17	17
Gas-diesel oil	127	230	90	85	86	207
Fuel oil	..	*145	147	*147	*162	*174
Natural gas	..	..	121	42	56	68
Bagasse	..	..	1456	*1313	*1367	*1336
Total input	127	375	1831	*1601	*1688	*1802
Total production	41	*124	547	503	*539	*472
Estimated efficiency (% of production to input)	32	33	30	31	32	26

Statistics on electricity

Benin

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	229	128	150	155	163	173
Combustible fuels	229	128	150	155	163	173
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	199	112	123	127	134	142
Combustible fuels	199	112	123	127	134	142
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	0	0	0	0	0	0
Net production	229	128	150	155	163	173
Imports	662	866	935	928	979	1035
Exports	..	..	..	..	..	..
Losses	140	208	207	214	225	239
Consumption	748	786	842	869	917	969
Energy industries own use	..	..	..	..	..	..
By industry and construction	141	128	137	141	150	159
By transport	..	..	..	..	..	..
By households and other cons.	607	658	705	728	767	810
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*174	*174	*174	*174	*174	*174
Combustible fuels	*173	*173	*173	*173	*173	*173
Hydro	*1	*1	*1	*1	*1	*1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*166	*166	*166	*166	*166	*166
Combustible fuels	*165	*165	*165	*165	*165	*165
Hydro	*1	*1	*1	*1	*1	*1
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	2064	1247	1462	1505	1591	1677
Fuel oil	40	..	..	..	..	..
Fuelwood	47	30	22	23	24	25
Total input	2151	1277	1484	1528	1615	1702
Total production	824	461	540	558	587	623
Estimated efficiency (% of production to input)	38	36	36	37	36	37

Statistics on electricity

Bermuda

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*727	*746	742	*726	*692	*673
Combustible fuels	*727	*746	742	*726	*692	*673
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*713	*733	730	*714	*680	*661
Combustible fuels	*713	*733	730	*714	*680	*661
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*47	*45	50	*48	*41	*41
Net production	*680	*701	692	*678	*651	*632
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*37	*50	*49	*48	*46	*46
Consumption	645	657	651	636	606	586
Energy industries own use	..	..	..	..	..	..
By industry and construction	..	..	..	..	..	..
By transport	..	..	..	..	..	..
By households and other cons.	645	657	651	636	606	586
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	169	*169	*169	169	171	*171
Combustible fuels	169	*169	*169	169	171	*171
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	165	*165	*165	165	167	*167
Combustible fuels	165	*165	*165	165	167	*167
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*968	*993	989	950	*907	..
Fuel oil	*5313	*2778	*4305	*2202	*4977	*4977
Municipal waste	*659	*612	*584	*560	*565	*565
Total input	*6939	*4384	*5878	*3712	*6450	*5542
Total production	*2617	*2686	2673	*2613	*2491	*2423
Estimated efficiency (% of production to input)	38	61	45	70	39	44

Statistics on electricity
Bhutan

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	6961	6998	7328	7068	6827	7640
Combustible fuels	0	0	0	0	0	1
Hydro	6961	6998	7328	7067	6827	7640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	6961	6998	7328	7068	6827	7640
Combustible fuels	0	0	0	0	0	1
Hydro	6961	6998	7328	7067	6827	7640
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	217	223	426	106	120	176
Net production	6744	6775	6902	6962	6707	7464
Imports	17	20	20	20	37	108
Exports	5609	5352	5268	5268	4890	5648
Losses	12	15	19	23	23	21
Consumption	1203	1498	1573	1638	1770	1841
Energy industries own use	..	..	..	..	..	..
By industry and construction	870	1110	1322	1365	1462	1519
By transport	..	..	..	..	..	..
By households and other cons.	334	388	251	273	307	322
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1505	1505	1505	1505	1505	1506
Combustible fuels	17	17	17	17	17	17
Hydro	1488	1488	1488	1488	1488	1488
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Main activity	1505	1505	1505	1505	1505	1506
Combustible fuels	17	17	17	17	17	17
Hydro	1488	1488	1488	1488	1488	1488
Nuclear	..	..	..	..	..	..
Other	0	0	0	0	0	0
Combustible fuel input	Terajoules					
Gas-diesel oil	*1	*1	*3	*3	*2	*6
Total input	*1	*1	*3	*3	*2	*6
Total production	0	0	1	1	1	2
Estimated efficiency (% of production to input)	33	33	33	33	33	33

Statistics on electricity
Bolivia (Plur. State of)

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	5817	6121	6777	7219	7661	8063
Combustible fuels	3506	3823	4592	4869	5306	5525
Hydro	2310	2296	2182	2347	2352	2535
Nuclear	..	..	..	..	..	..
Other	1	2	3	3	3	3
Main activity	5720	6000	6658	7096	7538	8004
Combustible fuels	3410	3704	4476	4749	5186	5469
Hydro	2310	2296	2182	2347	2352	2535
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	93	103	123	140	159	191
Net production	5724	6018	6654	7079	7502	7872
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	686	718	783	796	869	728
Consumption	5473	5717	6112	6329	6613	6962
Energy industries own use	..	..	..	..	..	..
By industry and construction	1683	1756	1717	1734	1790	1882
By transport	..	..	..	..	..	..
By households and other cons.	3790	3961	4395	4595	4823	5080
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	1455	1531	1647	1684	1882	*2114
Combustible fuels	1014	1041	1157	1188	1387	*1618
Hydro	440	488	488	494	494	*494
Nuclear	..	..	..	..	..	..
Other	*1	*2	*2	*2	*2	*2
Main activity	1334	1403	1508	1563	1746	*1959
Combustible fuels	917	942	1047	1096	1279	*1492
Hydro	416	461	462	467	467	*467
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	1247	1333	1677	1462	1978	1892
Natural gas	41597	45959	55467	60161	62116	60107
Vegetal waste	*2315	*2846	*2776	*2869	*2880	*1339
Total input	45159	50138	59920	64492	66974	63338
Total production	12622	13763	16531	17528	19102	19890
Estimated efficiency (% of production to input)	28	27	28	27	29	31

Statistics on electricity

Bonaire, St Eustatius, Saba

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*119	*122
Combustible fuels	*119	*122
Hydro
Nuclear
Other
Main activity	*119	*122
Combustible fuels	*119	*122
Hydro
Nuclear
Other
Own use in electricity, CHP and heat plants	*11	*12
Net production	*107	*110
Imports
Exports
Losses	*19	*20
Consumption	*88	*91
Energy industries own use
By industry and construction	*48	*50
By transport
By households and other cons.	*40	*41
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*28	*29
Combustible fuels	*28	*29
Hydro
Nuclear
Other
Main activity	*28	*29
Combustible fuels	*28	*29
Hydro
Nuclear
Other
Combustible fuel input	Terajoules					
Fuel oil	*1103	*1131
Total input	*1103	*1131
Total production	*427	*439
Estimated efficiency (% of production to input)	39	39

Statistics on electricity
Bosnia and Herzegovina

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	14823	15668	17124	15280	14082	17451
Combustible fuels	9956	9429	9098	10893	9867	10215
Hydro	4867	6239	8026	4387	4215	7236
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	14620	15348	16722	14955	13739	17082
Combustible fuels	9753	9109	8696	10568	9524	9846
Hydro	4867	6239	8026	4387	4215	7236
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	968	967	966	1053	1047	998
Net production	13855	14701	16158	14227	13035	16453
Imports	3412	2887	3076	4171	4481	3167
Exports	5057	5877	6905	5660	4525	6862
Losses	1966	1875	1602	1549	1496	1448
Consumption	10244	9836	10727	11189	11495	11310
Energy industries own use	260	373	380	401	398	377
By industry and construction	3894	3132	3819	4215	4383	4149
By transport	94	98	136	139	107	84
By households and other cons.	5996	6233	6392	6434	6607	6700
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	135506	137746	136962	161630	149240	143766
Fuel oil	0	364	485	364	283	485
Natural gas	0	815	680	681	719	530
Total input	135506	138925	138127	162675	150242	144781
Total production	35842	33944	32753	39215	35521	36774
Estimated efficiency (% of production to input)	26	24	24	24	24	25

Statistics on electricity

Botswana

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	697	621	532	437	251	761
Combustible fuels	697	621	532	437	250	760
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Main activity	697	621	532	437	251	761
Combustible fuels	697	621	532	437	250	760
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	1	1
Own use in electricity, CHP and heat plants	67	71	75	66	31	92
Net production	631	550	457	371	220	669
Imports	2585	2749	2985	3180	3371	2981
Exports	..	..	..	..	..	..
Losses	327	381	333	434	393	340
Consumption	2889	2917	3109	3118	3198	3310
Energy industries own use	..	..	..	..	..	..
By industry and construction	1186	1123	1141	1117	1086	1128
By transport	..	..	..	..	..	..
By households and other cons.	1703	1794	1967	2001	2112	2183
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	152	152	152	152	153	153
Combustible fuels	152	152	152	152	152	152
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	..	1	1
Main activity	132	132	132	132	133	133
Combustible fuels	132	132	132	132	132	132
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	..	1	1
Combustible fuel input	Terajoules					
Hard Coal	12178	10862	9288	7637	4360	13287
Gas-diesel oil	0	0	0	602	1032	1591
Total input	12178	10862	9288	8239	5392	14878
Total production	2509	2235	1916	1574	898	2736
Estimated efficiency (% of production to input)	21	21	21	19	17	18

Statistics on electricity
Brazil

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	463120	466158	515798	531759	552498	570836
Combustible fuels	78758	60975	95809	85062	116068	157810
Hydro	369556	390988	403289	428333	415342	390992
Nuclear	13969	12957	14523	15659	16038	15450
Other	837	1238	2177	2705	5050	6584
Main activity	412013	409150	442803	454726	474469	484675
Combustible fuels	42922	23285	43504	30741	58502	93705
Hydro	354285	371670	382599	405621	394879	368939
Nuclear	13969	12957	14523	15659	16038	15450
Other	837	1238	2177	2705	5050	6581
Own use in electricity, CHP and heat plants	5685	4895	5685	5075	6129	7664
Net production	457435	461263	510113	526684	546369	563172
Imports	42901	40746	35906	38430	40722	40334
Exports	689	1080	1257	2544	467	0
Losses	77081	79795	85747	87524	94355	94995
Consumption	422566	421135	459015	475045	492269	508510
Energy industries own use	12711	13254	21152	18297	20221	22056
By industry and construction	197218	186741	203351	209390	209622	210159
By transport	1607	1591	1662	1700	1785	1884
By households and other cons.	211030	219549	232850	245658	260641	274411
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	102962	106573	112400	117134	120973	126743
Combustible fuels	22923	25353	29154	31243	32786	36528
Hydro	77694	78611	80637	82459	84294	86018
Nuclear	2007	2007	2007	2007	2007	1990
Other	338	602	602	1425	1886	2207
Main activity	91863	94299	96867	99359	102155	106831
Combustible fuels	15216	16480	17013	17905	18448	21426
Hydro	74302	75210	77245	78022	79814	81213
Nuclear	2007	2007	2007	2007	2007	1990
Other	338	602	602	1425	1886	2202
Combustible fuel input	Terajoules					
Hard Coal	124382	101962	122627	118293	160141	228433
Gas-diesel oil	82775	74949	95331	91934	116874	116788
Fuel oil	59428	45652	45167	29411	54015	91748
Refinery gas	25657	12548	19597	13463	17194	30210
Other oil products	5347	6030	5186	8241	10693	8643
Natural gas	251878	115327	307963	230183	398537	611516
Coke-oven gas	23060	14482	13318	13171	11595	11153
Fuelwood	11665	8295	11592	10752	11391	12570
Bagasse	74958	97407	147963	144372	160527	190829
Vegetal waste	88075	95938	94463	128035	143236	103244
Others	708	413	1121	0	0	0
Total input	747933	573001	864329	787855	1084203	1405134
Total production	283529	219510	344912	306223	417845	568116
Estimated efficiency (% of production to input)	38	38	40	39	39	40

Statistics on electricity

British Virgin Islands

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	*121	*125	*128	131	*130	*130
Combustible fuels	*121	*125	*128	131	*130	*130
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*121	*125	*128	131	*130	*130
Combustible fuels	*121	*125	*128	131	*130	*130
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	*5	*6	*6	6	*6	*6
Net production	*116	*119	*122	125	*124	*124
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	*14	*14	*15	*15	*15	*15
Consumption	*102	*105	*107	*110	*109	*109
Energy industries own use	..	..	..	..	..	..
By industry and construction	*3	*3	*3	*3	*3	*3
By transport	..	..	..	..	..	..
By households and other cons.	*99	*102	*104	*107	*106	*106
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	42	44	44	45	45	45
Combustible fuels	42	44	44	44	44	44
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	1	1	1
Main activity	42	44	44	45	45	45
Combustible fuels	42	44	44	44	44	44
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	0	1	1	1
Combustible fuel input	Terajoules					
Gas-diesel oil	*1307	*1350	*1380	*1415	*1406	*1406
Total input	*1307	*1350	*1380	*1415	*1406	*1406
Total production	*436	*450	*461	472	*468	*468
Estimated efficiency (% of production to input)	33	33	33	33	33	33

Statistics on electricity

Brunei Darussalam

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	3423	3612	3792	3725	3930	4402
Combustible fuels	3423	3612	3792	3723	3928	4400
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	2	2	2
Main activity	3071	3269	3440	3395	3524	3942
Combustible fuels	3071	3269	3440	3393	3522	3940
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	2	2	2
Own use in electricity, CHP and heat plants	114	151	159	68	79	440
Net production	3309	3461	3633	3657	3851	3962
Imports	..	..	..	..	..	..
Exports	..	..	..	..	..	..
Losses	164	218	368	267	243	409
Consumption	3145	3243	3265	3390	3609	3553
Energy industries own use	361	372	351	326	401	398
By industry and construction	185	190	180	226	213	189
By transport	..	..	..	..	..	..
By households and other cons.	2599	2681	2734	2838	2995	2966
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*759	*768	*785	*803	*826	*826
Combustible fuels	*759	*768	*785	*802	*825	*825
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	*1	*1	*1
Main activity	*691	*700	*715	*731	*751	*751
Combustible fuels	*691	*700	*715	*730	*750	*750
Hydro	..	..	..	..	..	..
Nuclear	..	..	..	..	..	..
Other	..	..	..	*1	*1	*1
Combustible fuel input	Terajoules					
Gas-diesel oil	344	387	387	430	430	430
Natural gas	53388	56153	54554	52528	55917	53434
Total input	53732	56540	54941	52958	56347	53864
Total production	12323	13003	13651	13403	14141	15840
Estimated efficiency (% of production to input)	23	23	25	25	25	29

Statistics on electricity
Bulgaria

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	45037	42964	46653	50797	47329	43784
Combustible fuels	25873	23400	25001	29807	25518	22067
Hydro	3277	4053	5693	3691	3976	4795
Nuclear	15765	15256	15249	16314	15785	14171
Other	122	255	710	985	2050	2751
Main activity	44166	42760	46411	50650	47059	43516
Combustible fuels	25002	23211	24773	29683	25263	21815
Hydro	3277	4053	5693	3691	3976	4795
Nuclear	15765	15256	15249	16314	15785	14171
Other	122	240	696	962	2035	2735
Own use in electricity, CHP and heat plants	4342	4221	4435	4953	4470	3966
Net production	40695	38743	42218	45844	42859	39818
Imports	3097	2662	1167	1449	2353	3351
Exports	8441	7735	9613	12110	10661	9532
Losses	4669	4512	4480	4396	4231	3895
Consumption	30646	29094	29208	30762	30284	29741
Energy industries own use	1988	2247	2105	2341	2439	2209
By industry and construction	10441	8393	7818	8422	8267	8531
By transport	425	467	399	367	302	277
By households and other cons.	17792	17987	18886	19632	19276	18724
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	9637	9597	10027	10236	11637	11604
Combustible fuels	4647	4369	4574	4541	4912	4701
Hydro	2984	3001	3048	3108	3129	3202
Nuclear	1892	1892	1892	1892	1906	1982
Other	114	335	513	695	1690	1719
Main activity	9456	9553	9975	10190	11574	11539
Combustible fuels	4466	4325	4522	4495	4849	4636
Hydro	2984	3001	3048	3108	3129	3202
Nuclear	1892	1892	1892	1892	1906	1982
Other	114	335	513	695	1690	1719
Combustible fuel input	Terajoules					
Hard Coal	90868	64165	64990	65532	44221	33024
Brown Coal	350700	341796	377468	493276	432292	362796
Lignite briquettes	37757	33141	27614	14469	17864	31568
Biogas	..	8	67	83	4	81
Gas-diesel oil	0	43	1677	301	172	129
Fuel oil	2707	5818	970	808	808	646
Refinery gas	990	990	644	248	743	743
Petroleum coke	0	1333	6110	3283	5395	6110
Natural gas	35284	31711	31882	35513	37004	36528
Fuelwood	89	26	91	316	549	757
Others	1691	0	..	..	..	..
Total input	520085	479029	511512	613828	539052	472381
Total production	93143	84240	90004	107305	91865	79441
Estimated efficiency (% of production to input)	18	18	18	17	17	17

Statistics on electricity

Burkina Faso

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	619	700	565	530	626	*731
Combustible fuels	484	568	448	448	529	*625
Hydro	136	132	118	82	97	106
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	619	700	565	442	479	*533
Combustible fuels	484	568	448	360	382	*427
Hydro	136	132	118	82	97	106
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	25	28	45	50	50	*50
Net production	595	672	520	480	576	*681
Imports	136	145	385	495	515	532
Exports	..	..	..	..	..	..
Losses	95	102	113	*115	*136	*165
Consumption	635	714	*791	*860	*955	*1047
Energy industries own use	6	9	*10	*10	*10	*10
By industry and construction	132	149	*165	*180	*200	*219
By transport	10	10	*11	*12	*13	*15
By households and other cons.	487	546	*605	*658	*732	*803
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	252	251	238	261	298	*298
Combustible fuels	220	219	206	229	266	*266
Hydro	32	32	32	32	32	*32
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	252	251	238	200	237	*237
Combustible fuels	220	219	206	168	205	*205
Hydro	32	32	32	32	32	*32
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Gas-diesel oil	*4085	*4945	*3978	*3939	*4506	*5214
Fuel oil	*646	*566	*404	*404	*404	*404
Total input	*4731	*5511	*4382	*4343	*4910	*5618
Total production	1741	2043	1612	1613	1904	*2251
Estimated efficiency (% of production to input)	37	37	37	37	39	40

Statistics on electricity

Burundi

Item	2008	2009	2010	2011	2012	2013
Production, trade and consumption	Million kilowatt-hours					
Total main activity and autoproducer	114	121	142	141	142	159
Combustible fuels	*2	4	18	13	3	21
Hydro	112	117	124	128	139	138
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	114	121	142	141	142	159
Combustible fuels	*2	4	18	13	3	21
Hydro	112	117	124	128	139	138
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Own use in electricity, CHP and heat plants	8	8	8	8	8	8
Net production	106	113	134	133	134	151
Imports	*77	*92	95	*99	*99	*99
Exports	..	..	..	..	..	..
Losses	*32	*34	*40	0	0	0
Consumption	*151	*172	*200	*244	*238	*259
Energy industries own use	..	..	..	..	..	..
By industry and construction	*62	*70	*82	*100	*98	*106
By transport	..	..	..	..	..	..
By households and other cons.	*89	*102	*118	*144	*140	*153
Net installed capacity	Thousand kilowatts					
Total main activity and autoproducer	*33	*34	*39	*37	*35	*42
Combustible fuels	*1	*2	*7	*5	*1	*7
Hydro	*32	*32	*32	*32	*34	*35
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Main activity	*33	*34	*39	*37	*35	*42
Combustible fuels	*1	*2	*7	*5	*1	*7
Hydro	*32	*32	*32	*32	*34	*35
Nuclear	..	..	..	..	..	..
Other	..	..	..	..	..	..
Combustible fuel input	Terajoules					
Fuel oil	*40	*61	*283	*202	*40	*242
Total input	*40	*61	*283	*202	*40	*242
Total production	*7	16	63	46	10	74
Estimated efficiency (% of production to input)	18	26	22	23	26	31