

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Table Notes

Data on utilization are derived by dividing the data on electricity production shown in Table 32 by the net installed capacity shown in Table 30, and then by the total number of hours in a year to yield a percentage of theoretical maximal utilization.

For this table, **Other** under total producers refers to geothermal, tide, wave, marine and other non-specified sources. **Other** under autoproducers refers to nuclear (if any), wind, solar, tide, wave, marine and other non-specified sources. **Other** under main activity producers refers to wind, solar, tide, wave, marine and other non-specified sources.

For Austria data are given in gross maximum capacity.

Please refer to the Definitions Section on pages ix to xv for the appropriate product description /classification.

Figure 74: Utilization of installed electric generating capacity by source and region, 2014

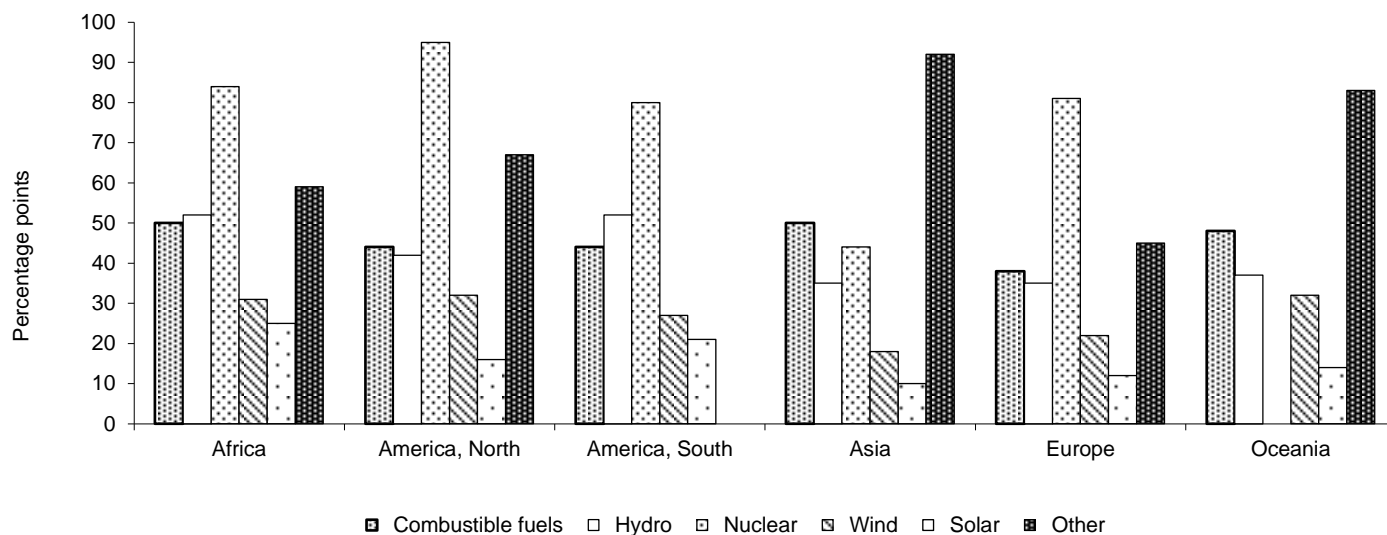


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Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
World	2011	47	48	38	76	22	10	86
	2012	46	47	39	74	22	11	85
	2013	46	47	39	75	24	11	66
	2014	44	46	39	76	23	12	69
Africa	2011	54	55	50	82	26	25	84
	2012	54	55	51	72	24	17	85
	2013	54	54	52	89	34	17	84
	2014	52	52	52	84	31	25	59
Algeria	2011	51	51	21	..	..	..	..
	2012	50	51	24	..	..	..	..
	2013	45	46	13	..	..	..	..
	2014	46	47	10	..	..	..	..
Angola	2011	42	24	60	..	..	..	..
	2012	46	36	57	..	..	..	..
	2013	61	51	72	..	..	..	..
	2014	52	66	44	..	..	..	..
Benin	2011	18	18	..	..	..	..	..
	2012	30	30	..	..	..	..	..
	2013	9	10	..	..	..	..	..
	2014	10	10	..	..	..	..	..
Botswana	2011	33	33	..	..	..	..	..
	2012	19	19	..	..	..	11	..
	2013	12	12	..	..	..	11	..
	2014	43	44	..	..	..	18	..
Burkina Faso	2011	23	22	29	..	..	..	..
	2012	24	23	34	..	..	..	..
	2013	28	27	38	..	..	..	..
	2014	33	33	32	..	..	..	..
Burundi	2011	44	29	46	..	..	..	..
	2012	44	7	50	..	..	..	..
	2013	47	34	49	..	..	..	..
	2014	48	43	50	..	..	..	..
Cabo Verde	2011	39	39	..	..	85	16	..
	2012	32	34	..	..	27	13	..
	2013	32	34	..	..	33	11	..
	2014	30	32	..	..	29	8	..
Cameroon	2011	52	31	69	..	..	..	..
	2012	53	31	72	..	..	..	..
	2013	50	27	76	..	..	..	..
	2014	51	26	79	..	..	..	..
Central African Rep.	2011	45	16	67	..	..	..	..
	2012	46	16	68	..	..	..	..
	2013	47	16	71	..	..	..	..
	2014	47	16	72	..	..	..	..
Chad	2011	61	61	..	..	..	..	..
	2012	57	57	..	..	..	..	..
	2013	55	55	..	..	..	..	..
	2014	55	55	..	..	..	..	..
Comoros	2011	28	28	..	..	..	..	..
	2012	29	29	..	..	..	..	..
	2013	27	27
	2014	25	25
Congo	2011	40	38	41
	2012	50	48	51
	2013	50	50	50
	2014	51	53	49

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Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
43	45	37	14	47	48	38	76	23
43	45	37	14	46	47	39	74	23
43	47	37	14	46	47	39	75	23
40	45	35	14	45	46	39	76	22
39	41	15	17	55	56	52	82	33
37	39	9	18	56	57	52	72	30
36	37	9	18	55	55	53	89	37
33	34	11	14	54	54	53	84	35
23	23	..	..	54	55	21	..	..
14	14	..	..	59	60	24	..	..
14	14	..	..	53	54	13	..	..
13	13	..	..	54	55	10	..	..
29	29	..	..	43	24	60	..	..
31	31	..	..	48	37	57	..	..
42	42	..	..	63	53	72	..	..
48	48	..	..	53	69	44	..	..
40	40	..	..	16	16	..	..	..
41	41	..	..	28	29	..	..	..
44	44	..	..	8	8	..	..	..
47	47	..	..	9	9	..	..	..
..	..	..	..	38	38	..	..	..
..	..	..	..	21	22	..	..	11
..	..	..	..	12	12	..	..	11
..	..	..	..	45	45	..	..	18
16	16	..	..	25	24	29	..	..
28	28	..	..	23	21	34	..	..
37	37	..	..	26	24	38	..	..
47	47	..	..	30	30	32	..	..
..	..	..	..	44	29	46	..	..
..	..	..	..	44	7	50	..	..
..	..	..	..	47	34	49	..	..
..	..	..	..	48	43	50	..	..
17	17	..	..	39	39	..	..	33
18	18	..	..	32	34	..	..	24
17	17	..	..	32	34	..	..	28
15	15	..	..	30	32	..	..	24
45	45	..	..	54	15	69	..	..
49	49	..	..	54	13	72	..	..
61	61	..	..	47	8	76	..	..
55	55	..	..	50	9	79	..	..
..	..	..	..	45	16	67	..	..
..	..	..	..	46	16	68	..	..
..	..	..	..	47	16	71	..	..
..	..	..	..	47	16	72	..	..
..	..	..	..	61	61	..	..	..
..	..	..	..	57	57	..	..	..
..	55	55
..	55	55
..	28	28
..	29	29
..	27	27
..	25	25
47	47	37	4	41
51	51	49	0	51
53	53	48	0	50
56	56	47	0	49

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Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Côte d'Ivoire	2011	49	59	35	..	..	..	..
	2012	57	57	55	..	..	..	..
	2013	57	60	49	..	..	..	..
	2014	57	59	51	..	..	..	..
Dem. Rep. of the Congo	2011	36	30	36	..	..	..	..
	2012	35	3	35	..	..	..	..
	2013	36	3	37	..	..	..	..
	2014	39	4	39	..	..	..	..
Djibouti	2011	34	34	..	..	..	..	..
	2012	35	35	..	..	..	..	..
	2013	35	35	..	..	..	..	..
	2014	35	35	..	..	..	..	..
Egypt	2011	61	64	49	..	32	39	..
	2012	60	61	53	..	26	19	..
	2013	59	60	54	..	28	9	..
	2014	56	57	57	..	27	20	..
Equatorial Guinea	2011	15	15	15	..	..	..	..
	2012	15	15	15	..	..	..	..
	2013	15	15	15	..	..	..	..
	2014	15	15	15	..	..	..	..
Eritrea	2011	27	28	..	..	..	23	..
	2012	29	29	..	..	..	23	..
	2013	30	30	..	..	..	23	..
	2014	30	30	..	..	..	23	..
Ethiopia	2011	31	2	37	..	2	..	13
	2012	38	1	43	..	13	..	26
	2013	43	0	49	..	24	..	28
	2014	47	1	54	..	26	..	31
Gabon	2011	52	50	56	..	..	..	..
	2012	53	48	61	..	..	34	..
	2013	50	44	63	..	..	23	..
	2014	53	53	53	..	..	23	..
Gambia	2011	39	39	..	..	..	..	..
	2012	41	41	..	..	..	..	..
	2013	33	33	..	..	..	..	..
	2014	26	26	..	..	..	..	..
Ghana	2011	46	27	73	..	..	..	..
	2012	48	27	78	..	..	..	..
	2013	49	38	59	..	..	..	..
	2014	49	37	61	..	..	..	..
Guinea	2011	26	23	32	..	..	..	..
	2012	31	27	38	..	..	..	..
	2013	22	16	37	..	..	..	..
	2014	22	16	38	..	..	..	..
Guinea-Bissau	2011	14	14	..	..	..	..	..
	2012	14	14	..	..	..	..	..
	2013	15	15	..	..	..	..	..
	2014	14	14	..	..	..	..	..
Kenya	2011	56	54	50	..	33	..	86
	2012	56	41	60	..	35	..	87
	2013	56	35	66	..	34	..	86
	2014	50	41	51	..	37	..	60
Lesotho	2011	70	..	70
	2012	69	..	69
	2013	74	..	74
	2014	74	..	74

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Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
32	32	..	..	50	59	35	..	..
34	34	..	..	57	58	55	..	..
35	35	..	..	58	60	49	..	..
36	36	..	..	57	60	51	..	..
7	228	6	..	45	3	45	..	..
0	0	0	..	45	3	46	..	..
0	0	0	..	46	3	47	..	..
0	20	0	..	50	2	50	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
62	62	..	..	61	64	49	..	33
90	90	..	..	59	60	53	..	25
91	91	..	..	58	59	54	..	24
91	91	..	..	56	56	57	..	26
..	..	..	..	15	15	15	..	..
..	..	..	..	15	15	15	..	..
..	..	..	..	15	15	15	..	..
..	..	..	..	15	15	15	..	..
21	21	..	..	28	28	..	..	23
21	21	..	..	30	30	..	..	23
21	21	..	..	30	30	..	..	23
21	21	..	..	31	31	..	..	23
..	..	..	..	31	2	37	..	2
..	..	..	..	38	1	43	..	13
..	..	..	..	43	0	49	..	24
..	..	..	..	47	1	54	..	26
32	32	..	..	56	56	56	..	..
30	30	..	34	57	54	61	..	..
31	31	..	23	53	48	63	..	..
31	32	..	23	57	59	53	..	..
10	10	..	..	65	65	..	..	..
10	10	..	..	67	67	..	..	..
10	10	..	..	46	46	..	..	..
10	10	..	..	32	33	..	..	..
9	9	..	..	49	29	73	..	..
10	10	..	..	51	30	78	..	..
10	10	..	..	52	42	59	..	..
10	10	..	..	52	42	61	..	..
22	25	..	..	31	20	37	..	..
22	25	..	..	39	31	44	..	..
22	25	..	..	22	9	43	..	..
22	25	..	..	22	9	44	..	..
43	43	..	..	12	12	..	..	..
45	45	..	..	12	12	..	..	..
47	47	12	12
47	47	12	12
..	56	54	50	..	85
..	56	41	60	..	86
..	56	35	66	..	85
..	50	41	51	..	59
..	70	..	70
..	69	..	69
..	74	..	74
..	74	..	74

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Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Liberia	2011	38	38	..	..	..	..	..
	2012	38	38	..	..	..	..	..
	2013	38	38	..	..	..	..	..
	2014	38	38	..	..	..	..	..
Libya	2011	33	33	..	..	..	..	..
	2012	44	44	..	..	..	..	..
	2013	46	46	..	..	..	..	..
	2014	46	46	..	..	..	..	..
Madagascar	2011	32	22	62	..	..	10	..
	2012	34	23	67	..	..	10	..
	2013	36	24	72	..	..	11	..
	2014	37	23	79	..	..	11	..
Malawi	2011	45	10	71	..	..	..	..
	2012	46	10	72	..	..	..	..
	2013	48	10	75	..	..	..	..
	2014	48	10	75	..	..	..	..
Mali	2011	24	26	23	..	..	..	..
	2012	23	20	24	..	..	..	..
	2013	21	17	25	..	..	..	..
	2014	22	27	17	..	..	..	..
Mauritania	2011	43	43	..	..	..	..	..
	2012	48	48	..	..	..	..	..
	2013	34	34	..	..	..	..	..
	2014	33	33	..	..	..	..	..
Mauritius	2011	42	45	11	..	25	..	..
	2012	41	43	14	..	32	7	..
	2013	42	44	18	..	32	13	..
	2014	43	46	17	..	37	16	..
Mayotte	2011	33	36	..	..	..	13	..
	2012	34	37	..	..	..	14	..
	2013	36	39	..	..	..	15	..
	2014	38	41	..	..	..	15	..
Morocco	2011	41	52	14	..	32	..	..
	2012	43	55	12	..	33	..	..
	2013	45	54	18	..	68	..	..
	2014	46	58	13	..	44	..	..
Mozambique	2011	78	1	86	..	..	..	..
	2012	70	1	77	..	..	..	..
	2013	67	27	74	..	..	..	..
	2014	75	44	80	..	..	10	..
Namibia	2011	47	1	73	..	..	..	..
	2012	35	5	49	..	..	..	..
	2013	40	5	56	..	..	..	..
	2014	35	1	51	..	..	..	..
Niger	2011	27	28	..	..	..	0	..
	2012	33	33	..	..	..	0	..
	2013	28	29	..	..	..	0	..
	2014	28	29	..	..	..	0	..
Nigeria	2011	35	35	35	..	..	..	..
	2012	37	38	33	..	..	..	..
	2013	34	34	32	..	..	..	..
	2014	33	34	31	..	..	..	..
Réunion	2011	41	53	31	..	9	13	..
	2012	37	43	42	..	14	14	..
	2013	37	41	48	..	12	16	..
	2014	39	49	36	..	12	16	..

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Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
33	33	..	..	54	54	..	..	..
33	33	..	..	54	54	..	..	..
33	33	..	..	54	54	..	..	..
33	33	..	..	54	54	..	..	..
..	..	..	..	33	33	..	..	..
..	..	..	..	44	44	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	46	46	..	..	..
61	61	..	..	30	19	62	..	10
61	61	..	..	32	20	67	..	10
61	61	..	..	34	20	72	..	11
61	61	..	..	36	20	79	..	11
10	10	11	..	72	52	72	..	..
10	10	11	..	73	52	73	..	..
10	10	11	..	76	52	76	..	..
10	10	13	..	76	52	76	..	..
6	6	..	..	27	36	23	..	..
6	6	..	..	25	27	24	..	..
6	6	..	..	23	21	25	..	..
5	5	..	..	24	36	17	..	..
50	50	..	..	39	39	..	..	..
53	53	..	..	45	45	..	..	..
52	52	..	..	28	28	..	..	..
55	55	..	..	26	26	..	..	..
64	64	..	..	29	31	11	..	25
69	69	..	7	26	27	14	..	32
70	71	..	12	27	28	18	..	32
69	72	..	16	27	29	17	..	37
..	..	..	..	33	36	..	..	13
..	..	..	..	34	37	..	..	14
..	..	..	..	36	39	..	..	15
..	..	..	..	38	41	..	..	15
7	7	..	..	43	56	14	..	32
5	5	..	..	45	58	12	..	33
40	40	..	..	46	55	18	..	68
41	41	..	..	46	59	13	..	44
79	..	79	..	77	1	86	..	..
60	..	60	..	70	1	78	..	..
60	..	60	..	68	27	74	..	..
62	..	63	10	76	44	81	..	..
..	..	..	..	47	1	73	..	..
..	..	..	..	35	5	49	..	..
..	..	..	..	40	5	56	..	..
..	..	..	..	35	1	51	..	..
20	21	..	0	29	29	..	..	..
20	21	..	0	37	37	..	..	..
11	12	..	0	34	34	..	..	..
15	17	..	0	33	33	..	..	..
37	38	34	..	34	33	35	..	..
40	40	33	..	36	37	33
28	28	31	..	35	36	32
21	21	31	..	38	41	31
..	41	53	31	..	12
..	37	43	42	..	14
..	37	41	48	..	15
..	39	49	36	..	15

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Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Rwanda	2011	44	69	30	..	..	14	..
	2012	45	67	33	..	..	11	..
	2013	43	76	25	..	..	4	..
	2014	46	79	28	..	..	6	..
Sao Tome and Principe	2011	37	39	30	..	..	..	..
	2012	42	43	35	..	..	..	..
	2013	41	43	32	..	..	..	..
	2014	41	43	32	..	..	..	..
Senegal	2011	35	35	..	..	..	..	..
	2012	39	39	..	..	..	..	..
	2013	45	45	..	..	..	..	..
	2014	44	45	..	..	..	2	..
Seychelles	2011	47	47	..	..	..	..	..
	2012	48	48	..	..	..	..	..
	2013	47	50	..	..	13	..	..
	2014	48	50	..	..	13	..	..
Sierra Leone	2011	26	10	35	..	..	..	..
	2012	27	26	27	..	..	..	..
	2013	25	25	24	..	..	..	..
	2014	27	27	27	..	..	..	..
Somalia	2011	48	48	..	..	..	..	..
	2012	49	49	..	..	..	..	..
	2013	50	50	..	..	..	..	..
	2014	50	50	..	..	..	..	..
South Africa	2011	67	66	80	82	25	2	..
	2012	66	65	67	72	25	34	..
	2013	66	65	65	89	25	35	..
	2014	61	61	64	84	27	35	..
South Sudan	2011	..	..	..	..	..	..	..
	2012	62	63	..	..	..	11	..
	2013	66	67	..	..	..	11	..
	2014	68	69	..	..	..	11	..
St. Helena and Depend.	2011	20	19	..	..	27	..	..
	2012	14	13	..	..	21	5	..
	2013	15	14	..	..	24	12	..
	2014	14	14	..	..	12	9	..
Sudan	2011	..	..	..	..	..	..	..
	2012	38	26	48	..	..	..	..
	2013	39	20	52	..	..	..	..
	2014	42	22	56	..	..	..	..
Sudan (former)	2011	35	20	46	..	..	..	..
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
	2014	..	..	..	..	..	..	..
Swaziland	2011	47	39	59	..	..	..	..
	2012	43	40	48	..	..	..	..
	2013	41	40	43	..	..	..	..
	2014	38	30	47	..	..	..	..
Togo	2011	18	10	34	..	..	..	..
	2012	20	17	28	..	..	..	..
	2013	18	20	13	..	..	..	..
	2014	18	17	20	..	..	..	..
Tunisia	2011	45	45	10	..	23	16	..
	2012	48	50	20	..	13	12	..
	2013	46	47	11	..	20	18	..
	2014	43	44	10	..	25	36	..

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Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	44	69	30	..	14
..	..	..	..	45	67	33	..	11
..	..	..	..	43	76	25	..	4
..	..	..	..	46	79	28	..	6
..	..	..	..	37	39	30	..	..
..	..	..	..	42	43	35	..	..
..	..	..	..	41	43	32	..	..
..	..	..	..	41	43	32	..	..
40	40	..	..	32	32	..	..	..
47	47	..	..	33	33	..	..	..
21	19	..	..	64	64	..	..	..
16	15	..	2	67	67	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	48	48	..	..	..
..	..	..	..	47	50	..	..	13
..	..	..	..	48	50	..	..	15
..	..	..	..	26	10	35	..	..
..	..	..	..	27	26	27	..	..
..	..	..	..	25	25	24	..	..
..	..	..	..	27	27	27	..	..
..	..	..	..	48	48	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	50	50	..	..	..
..	..	..	..	50	50	..	..	..
61	61	49	..	67	66	82	82	19
58	59	41	..	66	66	69	72	29
63	63	39	..	66	65	66	89	33
65	66	35	..	61	61	66	84	30
..
65	66	..	11	59	60	..	..	11
68	70	..	11	63	64	..	..	11
71	72	..	11	65	66	..	..	11
..	..	..	..	20	19	..	..	27
..	..	..	..	14	13	..	..	20
..	..	..	..	15	14	..	..	23
..	..	..	..	14	14	..	..	12
..
..	..	..	..	37	25	48	..	..
..	..	..	..	38	17	52	..	..
..	..	..	..	42	22	56	..	..
..	..	..	..	35	20	46	..	..
..
..
41	43	..	..	55	0	63	..	..
42	43	..	..	46	9	52	..	..
42	43	..	..	41	10	46	..	..
32	34	..	..	44	0	50	..	..
16	16	..	..	18	10	34	..	..
16	16	..	..	20	17	28	..	..
10	10	..	..	18	21	13	..	..
16	16	18	17	20
41	30	..	16	45	46	10	..	23
45	30	..	12	48	50	20	..	13
41	30	..	18	46	48	11	..	20
43	32	..	36	43	45	10	..	25

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Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Uganda	2011	47	55	44	..	..	..	..
	2012	41	77	33	..	..	..	..
	2013	39	77	32	..	..	..	..
	2014	42	45	41	..	..	..	..
United Rep. of Tanzania	2011	52	65	40	..	..	21	..
	2012	57	80	36	..	..	25	..
	2013	61	88	35	..	..	24	..
	2014	64	75	53	..	..	29	..
Zambia	2011	67	2	70	..	..	..	..
	2012	72	2	75	..	..	..	..
	2013	74	2	80	..	..	..	..
	2014	67	24	71	..	..	..	..
Zimbabwe	2011	50	33	78	..	..	..	..
	2012	49	32	81	..	..	..	..
	2013	51	38	75	..	..	..	..
	2014	57	42	82	..	..	..	..
America, North	2011	48	44	46	91	29	12	77
	2012	47	44	43	89	27	13	68
	2013	47	44	43	93	31	14	72
	2014	47	44	42	95	32	16	67
Anguilla	2011	39	39	..	..	..	..	..
	2012	36	36	..	..	..	..	..
	2013	36	36	..	..	..	..	..
	2014	36	36	..	..	..	..	..
Antigua and Barbuda	2011	44	44	..	..	..	..	..
	2012	44	44	..	..	..	..	..
	2013	45	45	..	..	..	..	..
	2014	46	46	..	..	..	..	..
Aruba	2011	33	32	..	..	43	..	..
	2012	33	31	..	..	52	..	..
	2013	37	35	..	..	53	..	..
	2014	36	34	..	..	53	..	..
Bahamas	2011	34	34	..	..	..	..	..
	2012	34	34	..	..	..	..	..
	2013	36	36	..	..	..	..	..
	2014	37	37	..	..	..	..	..
Barbados	2011	49	49	..	..	..	..	..
	2012	53	53	..	..	..	..	..
	2013	48	48	..	..	..	..	..
	2014	46	46	..	..	..	..	..
Belize	2011	31	18	53	..	..	..	..
	2012	34	27	45	..	..	..	..
	2013	30	21	43	..	..	..	..
	2014	30	23	43	..	..	..	..
Bermuda	2011	49	49	..	..	..	..	..
	2012	46	46	..	..	..	..	..
	2013	45	45	..	..	..	..	..
	2014	47	47	..	..	..	..	..
Bonaire, St Eustatius, Saba	2011	..	..	..	..	..	..	..
	2012	32	97	..	..	..	..	..
	2013	33	99	..	..	..	..	..
	2014	33	99	1
British Virgin Islands	2011	34	34
	2012	33	34
	2013	33	34
	2014	34	34

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Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
37	22	63	..	47	58	43	..	..
38	22	64	..	41	84	33	..	..
22	10	64	..	40	101	31	..	..
16	8	64	..	44	63	41	..	..
4	..	..	21	53	67	40	..	..
6	..	..	25	59	83	36	..	..
6	..	..	24	62	91	35	..	..
8	..	..	29	65	78	53	..	..
..	..	..	..	67	2	70	..	..
..	..	..	..	72	2	75	..	..
..	..	..	..	74	2	80	..	..
..	..	..	..	67	24	71	..	..
40	40	..	..	50	33	78	..	..
47	47	..	..	49	31	81	..	..
47	47	..	..	51	38	75	..	..
41	41	..	..	58	43	82	..	..
52	55	61	16	48	44	45	91	32
53	57	67	18	47	44	42	89	29
53	59	63	16	47	43	42	93	33
52	58	62	18	47	43	41	95	32
..	..	..	..	39	39	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	36	36	..	..	..
11	11	..	..	45	45	..	..	..
11	11	..	..	45	45	..	..	..
11	11	..	..	45	45	..	..	..
11	11	..	..	46	46	..	..	..
..	..	..	..	33	32	..	..	43
..	..	..	..	33	31	..	..	52
..	..	..	..	37	35	..	..	53
..	..	..	..	36	34	..	..	53
11	11	..	..	36	36	..	..	..
11	11	..	..	36	36	..	..	..
15	15	..	..	39	39	..	..	..
22	22	..	..	38	38	..	..	..
19	19	..	..	50	50	..	..	..
23	23	..	..	54	54	..	..	..
17	17	..	..	48	48	..	..	..
3	3	..	..	48	48	..	..	..
29	29	..	..	31	14	53	..	..
31	31	..	..	34	25	45	..	..
32	32	..	..	29	18	43	..	..
23	23	..	..	32	23	43	..	..
36	36	49	49
36	36	46	46
36	36	45	45
36	36	48	48
..
..	32	97
..	33	99
..	33	99	1
..	34	34
..	33	34
..	33	34
..	34	34

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Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Canada	2011	54	44	57	84	22	6	15
	2012	55	48	57	81	21	5	15
	2013	56	46	59	84	26	14	1,499
	2014	55	44	58	88	27	11	1,300
Cayman Islands	2011	47	47	..	..	..	..	..
	2012	46	46	..	..	..	..	..
	2013	47	47	..	..	..	..	..
	2014	54	54	..	..	..	..	..
Costa Rica	2011	39	13	48	..	36	5	69
	2012	43	18	49	..	40	15	74
	2013	42	25	45	..	24	34	80
	2014	36	23	37	..	28	34	71
Cuba	2011	34	34	17	..	..	..	..
	2012	37	37	20	..	..	..	..
	2013	36	36	23	..	..	..	..
	2014	36	36	19	..	..	..	..
Curaçao	2011	..	..	..	..	..	..	..
	2012	40	43	..	..	12	..	..
	2013	39	42	..	..	12	..	..
	2014	38	42	..	..	12	..	..
Dominica	2011	43	37	62	..	..	..	..
	2012	43	42	46	..	..	..	..
	2013	43	36	63	..	..	..	..
	2014	44	41	53	..	..	..	..
Dominican Republic	2011	55	60	33	..	5	..	..
	2012	55	61	34	..	13	..	..
	2013	52	56	35	..	32	..	..
	2014	51	56	23	..	33	..	..
El Salvador	2011	47	36	49	..	..	..	86
	2012	48	41	45	..	..	..	86
	2013	47	39	43	..	..	..	87
	2014	45	38	41	..	..	..	87
Greenland	2011	37	24	56	..	..	..	..
	2012	38	27	52	..	..	..	..
	2013	35	23	47	..	..	..	..
	2014	35	22	50	..	..	..	..
Grenada	2011	47	47	..	..	..	..	..
	2012	47	47	..	..	..	..	..
	2013	46	46	..	..	..	..	..
	2014	47	47	..	..	..	..	..
Guadeloupe	2011	43	49	20	..	29	17	36
	2012	42	48	18	..	22	16	42
	2013	42	47	25	..	24	17	68
	2014	42	47	29	..	22	16	63
Guatemala	2011	40	32	53	..	..	..	57
	2012	38	30	51	..	..	..	89
	2013	38	31	53	..	..	..	49
	2014	47	40	56	..	..	16	83
Haiti	2011	42	47	23	..	..	..	..
	2012	47	49	41	..	..	..	..
	2013	35	40	21	..	..	..	..
	2014	37	42	17
Honduras	2011	51	49	61	..	13
	2012	50	46	59	..	38
	2013	51	50	56	..	35
	2014	48	50	48	..	30

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Kilowatt-hours per kilowatt divided by 8760

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
57	46	68	..	54	44	56	84	21
60	48	71	..	55	48	56	81	19
69	73	67	3	55	43	59	84	28
68	71	67	20	54	41	57	88	26
..	..	..	..	47	47	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	54	54	..	..	..
62	57	71	48	35	12	45	..	61
67	97	74	53	39	15	45	..	64
6	99	..	..	47	22	51	..	74
6	98	..	..	40	20	42	..	63
17	17	..	..	36	36	17	..	..
18	18	..	..	39	39	20	..	..
21	21	..	..	37	37	23	..	..
19	19	..	..	37	38	19	..	..
..
42	42	..	..	37	45	..	..	12
41	41	..	..	37	44	..	..	12
41	41	..	..	36	43	..	..	12
..	..	..	..	43	37	62	..	..
..	..	..	..	43	42	46	..	..
..	..	..	..	43	36	63	..	..
..	..	..	..	44	41	53	..	..
191	191	..	..	48	52	33	..	5
198	200	..	..	48	52	34	..	13
89	91	..	..	48	51	35	..	32
80	82	..	..	47	53	23	..	33
35	35	..	..	49	37	49	..	86
41	41	..	..	49	41	45	..	86
39	39	..	..	48	39	43	..	87
39	39	..	..	46	38	41	..	87
81	81	..	..	33	14	56	..	..
82	82	..	..	34	16	52	..	..
68	68	..	..	32	14	47	..	..
65	65	..	..	33	13	50	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	43	49	20	..	23
..	..	..	..	42	48	18	..	21
..	..	..	..	42	47	25	..	25
..	..	..	..	42	47	29	..	24
18	18	64	..	44	36	53	..	57
17	16	59	..	42	34	51	..	89
16	16	73	..	44	37	53	..	49
21	20	73	..	52	48	56	..	74
5	5	..	..	56	71	23	..	..
7	7	..	..	62	72	41	..	..
6	6	..	..	47	59	21	..	..
11	11	..	..	47	59	17	..	..
43	43	..	..	51	50	61	..	13
37	37	..	..	51	48	59	..	38
38	38	..	..	52	52	56	..	35
22	22	..	..	51	56	48	..	30

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Jamaica	2011	57	58	76	..	25	..	..
	2012	52	52	75	..	30	..	..
	2013	52	52	62	..	31	..	..
	2014	50	51	53	..	33	..	..
Martinique	2011	49	49	..	..	17	35	..
	2012	44	50	..	..	17	8	..
	2013	43	49	..	..	17	8	..
	2014	41	46	..	..	17	8	..
Mexico	2011	56	60	36	84	31	13	84
	2012	55	61	31	72	23	16	81
	2013	53	59	27	96	23	18	84
	2014	52	56	36	79	29	25	84
Montserrat	2011	58	58	..	..	..	..	..
	2012	58	58	..	..	..	..	..
	2013	58	58	..	..	..	..	..
	2014	50	50	..	..	..	..	..
Neth. Antilles (former)	2011	47	47	..	..	..	..	..
	2012	..	..	..	..	..	..	..
	2013	..	..	..	..	..	..	..
	2014	..	..	..	..	..	..	..
Nicaragua	2011	39	39	48	..	38	..	35
	2012	36	36	45	..	26	..	36
	2013	37	32	43	..	44	..	50
	2014	38	33	37	..	52	..	49
Panama	2011	38	41	35	..	..	..	..
	2012	41	39	42	..	..	..	..
	2013	40	42	39	..	..	..	..
	2014	37	41	35	..	24	6	..
Puerto Rico	2011	44	44	17	..	..	..	..
	2012	44	44	14	..	..	12	..
	2013	41	42	10	..	13	13	..
	2014	40	41	9	..	25	16	..
Sint Maarten (Dutch part)	2011	..	..	..	..	..	..	..
	2012	47	47	..	..	..	..	..
	2013	48	48	..	..	..	..	..
	2014	49	49	..	..	..	..	..
St. Kitts-Nevis	2011	44	45	..	..	29	..	..
	2012	40	40	..	..	40	..	..
	2013	40	41	..	..	42	15	..
	2014	40	40	..	..	42	15	..
St. Lucia	2011	58	58	..	..	..	..	..
	2012	51	51	..	..	..	..	..
	2013	51	51	..	..	..	..	..
	2014	49	49	..	..	..	..	..
St. Pierre-Miquelon	2011	19	19	..	..	21	..	..
	2012	19	19	..	..	17	..	..
	2013	19	19	..	..	17	..	..
	2014	20	21	..	..	12	..	..
St. Vincent-Grenadines	2011	28	29	28	..	..	..	..
	2012	28	29	28	..	..	..	..
	2013	27	27	27	..	..	..	..
	2014	33	33	33	..	..	..	..
Trinidad and Tobago	2011	44	44	..	..	..	..	..
	2012	40	40	..	..	..	..	..
	2013	42	42	..	..	..	..	..
	2014	43	43	..	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
70	79	..	27	52	51	76	..	..
58	62	..	32	49	48	75	..	..
73	78	..	34	42	41	62	..	..
63	67	..	35	44	43	53	..	..
86	86	..	..	48	49	..	..	34
86	86	..	..	44	49	..	..	8
86	86	..	..	43	49	..	..	8
86	86	..	..	41	45	..	..	8
43	44	44	28	58	63	36	84	80
44	47	50	18	57	64	31	72	61
41	46	51	18	55	62	27	96	63
42	45	44	25	54	59	35	79	65
..	..	..	..	58	58	..	..	..
..	..	..	..	58	58	..	..	..
..	..	..	..	58	58	..	..	..
..	..	..	..	50	50	..	..	..
60	60	..	..	37	37	..	..	..
..
..
..
39	39	..	..	39	39	48	..	37
42	43	13	..	35	35	45	..	31
45	45	13	..	36	30	43	..	47
46	46	13	..	37	31	37	..	50
1	2	..	..	41	48	36	..	..
1	2	..	..	45	46	44	..	..
2	2	..	..	44	49	41	..	..
1	2	..	..	41	50	37	..	23
47	47	..	..	44	44	17	..	..
47	47	..	..	44	44	14	..	7
47	47	..	..	41	42	10	..	13
47	47	..	..	40	41	9	..	22
..
..	..	..	..	47	47	..	..	..
..	..	..	..	48	48	..	..	..
..	..	..	..	49	49	..	..	..
2	2	..	..	48	48	..	..	29
2	2	..	..	43	43	..	..	40
3	3	..	..	43	43	..	..	35
3	3	..	..	42	43	..	..	35
..	..	..	..	58	58	..	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	19	19	..	..	21
..	..	..	..	19	19	..	..	17
..	..	..	..	19	19	..	..	17
..	..	..	..	20	21	..	..	12
..	..	..	..	28	29	28	..	..
..	..	..	..	28	29	28	..	..
..	..	..	..	27	27	27	..	..
..	..	..	..	33	33	33	..	..
4	4	..	..	47	47	..	..	..
4	4	..	..	43	43	..	..	..
5	5	..	..	45	45	..	..	..
5	5	..	..	47	47	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Turks and Caicos Islands	2011	38	38	..	..	..	..	..
	2012	34	34	..	..	..	..	..
	2013	34	34	..	..	..	..	..
	2014	33	33	..	..	..	..	..
United States	2011	47	43	39	92	30	12	78
	2012	46	43	34	90	27	13	66
	2013	46	43	33	95	32	14	63
	2014	46	43	31	96	33	17	58
United States Virgin Is.	2011	31	31	..	..	..	15	..
	2012	30	30	..	..	..	15	..
	2013	30	30	..	..	..	15	..
	2014	28	28	..	..	..	15	..
America, South	2011	51	38	58	83	21	55	0
	2012	50	42	56	85	29	11	0
	2013	49	43	54	82	32	14	0
	2014	49	44	52	80	27	21	0
Argentina	2011	44	46	36	71	4	5	..
	2012	44	47	34	72	31	8	..
	2013	41	41	38	70	27	21	..
	2014	45	43	47	65	43	23	..
Bolivia (Plur. State of)	2011	49	47	54	..	..	17	..
	2012	46	44	54	..	..	17	..
	2013	44	39	59	..	..	17	..
	2014	62	65	56	..	30	14	..
Brazil	2011	52	31	59	89	22	..	..
	2012	52	40	56	91	31	..	..
	2013	51	49	52	89	34	16	..
	2014	50	57	48	88	29	12	..
Chile	2011	43	44	40	..	21	..	..
	2012	44	47	38	..	23	0	..
	2013	45	50	37	..	21	1	..
	2014	36	34	41	..	23	23	..
Colombia	2011	50	39	57	..	26	..	..
	2012	52	46	55	..	35	..	..
	2013	53	59	51	..	37	..	..
	2014	54	57	53	..	37	..	..
Ecuador	2011	49	42	58	..	16	29	..
	2012	52	43	62	..	11	43	..
	2013	52	49	56	..	34	11	..
	2014	52	48	58	..	43	7	..
Falkland Is. (Malvinas)	2011	17	15	..	..	22	..	..
	2012	17	15	..	..	22	..	..
	2013	17	15	..	..	22	..	..
	2014	17	15	..	..	22	..	..
French Guiana	2011	40	33	45	..	..	..	..
	2012	36	24	54	..	..	17	..
	2013	35	29	47	..	..	15	..
	2014	36	29	48	..	..	18	..
Guyana	2011	30	30	..	..	..	..	..
	2012	30	30	..	..	..	..	..
	2013	29	29	..	..	..	..	..
	2014	29	29	..	..	..	..	..
Paraguay	2011	75	2	75	..	..	..	..
	2012	78	6	78	..	..	..	..
	2013	78	2	78	..	..	..	..
	2014	72	5	72	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	38	38	..	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	34	34	..	..	..
..	..	..	..	33	33	..	..	..
54	61	23	13	47	43	39	92	32
55	63	41	17	46	43	34	90	29
54	64	60	16	46	43	32	95	32
53	63	50	16	46	43	31	96	32
30	31	..	15	31	31	..	..	..
15	..	..	15	30	30	..	..	..
15	..	..	15	30	30	..	..	..
15	..	..	15	28	28	..	..	..
46	43	58	5	51	37	58	83	21
45	43	52	9	51	41	56	85	28
46	45	51	3	49	42	54	82	31
47	46	51	11	49	44	52	80	27
44	44	33	..	44	47	36	71	4
43	43	33	..	44	48	34	72	30
41	41	30	..	41	41	38	70	27
42	42	29	..	45	44	47	65	43
11	15	..	17	52	50	57	..	..
10	13	..	17	49	46	57	..	..
4	5	..	17	47	42	62	..	..
18	24	..	14	66	68	60	..	30
49	46	58	..	52	20	59	89	22
47	46	52	..	53	36	56	91	31
49	48	52	11	52	50	52	89	34
51	51	52	11	50	62	48	88	29
52	52	46	34	42	43	40	..	21
64	65	49	21	43	45	38	..	23
57	64	24	2	44	48	37	..	20
55	55	65	32	35	33	41	..	23
67	75	19	..	50	35	57	..	6
70	79	16	..	51	43	55	..	8
64	72	15	..	53	57	51	..	8
69	78	17	..	53	54	53	..	8
55	52	79	..	48	38	57	..	16
60	58	77	..	50	38	62	..	12
56	54	77	..	51	47	56	..	30
51	48	80	..	53	49	58	..	23
11	11	..	..	18	16	..	..	22
11	11	..	..	18	16	..	..	22
11	11	..	..	18	16	..	..	22
11	11	..	..	18	16	..	..	22
..	..	..	..	40	33	45	..	..
..	..	..	..	36	24	54	..	17
..	..	..	..	35	29	47	..	15
..	..	..	..	36	29	48	..	18
20	20	..	..	41	41	..	..	..
18	18	..	..	41	41	..	..	..
18	18	..	..	39	39	..	..	..
12	12	..	..	47	47	..	..	..
..	..	..	..	75	2	75	..	..
..	..	..	..	78	6	78	..	..
..	..	..	..	78	2	78	..	..
..	..	..	..	72	5	72	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Peru	2011	51	38	71	..	20	..	..
	2012	47	33	72	..	20	9	..
	2013	45	32	72	..	20	28	..
	2014	46	36	69	..	20	24	..
Suriname	2011	52	48	57	..	..	..	..
	2012	53	47	60	..	..	..	..
	2013	58	82	29	..	..	..	..
	2014	58	66	48	..	..	..	..
Uruguay	2011	44	38	48	..	29	..	..
	2012	42	44	40	..	26	..	..
	2013	40	22	61	..	27	..	..
	2014	40	18	72	..	17	10	..
Venezuela (Bolivar. Rep.)	2011	52	35	65	..	..	..	..
	2012	48	32	64	..	..	..	..
	2013	44	27	64	..	..	..	..
	2014	46	28	67	..	..	..	..
Asia	2011	47	51	32	53	18	9	139
	2012	46	50	35	43	18	9	140
	2013	46	51	35	43	21	9	73
	2014	45	50	35	44	18	10	92
Afghanistan	2011	27	17	30	..	..	..	..
	2012	27	14	32	..	..	..	..
	2013	27	22	29	..	..	..	..
	2014	28	15	32	..	..	..	..
Armenia	2011	24	14	24	71	17	..	..
	2012	23	16	21	65	11	..	..
	2013	21	15	19	66	11	..	..
	2014	22	16	18	69	11	..	..
Azerbaijan	2011	36	38	31	..	..	..	..
	2012	41	45	20	..	..	..	..
	2013	36	40	16	..	4	6	..
	2014	38	43	14	..	8	9	..
Bahrain	2011	47	47	..	..	..	..	..
	2012	48	48	..	..	..	..	..
	2013	50	50	..	..	..	..	..
	2014	51	51	..	..	..	..	..
Bangladesh	2011	76	77	43	..	..	..	..
	2012	68	69	39	..	..	..	..
	2013	71	72	32	..	46	69	..
	2014	55	56	29	..	46	69	..
Bhutan	2011	54	0	54	..	..	..	..
	2012	52	0	52	..	..	..	..
	2013	58	0	59	..	..	..	..
	2014	49	0	50	..	..	..	..
Brunei Darussalam	2011	53	53	..	..	..	23	..
	2012	54	54	..	..	..	23	..
	2013	61	61	..	..	..	23	..
	2014	61	61	..	..	..	23	..
Cambodia	2011	21	32	2	..	..	17	..
	2012	28	29	26	..	..	17	..
	2013	18	18	17	..	..	17	..
	2014	23	24	23	..	..	17	..
China	2011	47	52	33	78	17	..	9,659
	2012	47	50	39	88	18	..	1,434
	2013	46	51	36	87	21	4	619
	2014	44	48	39	76	19	7	5,215

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
21	18	64	..	57	44	72	..	20
21	18	60	..	52	38	73	..	9
21	18	66	..	48	35	72	..	28
21	18	61	..	50	40	69	..	22
59	61	57	..	34	34	..	..	..
53	42	60	..	52	52	..	..	..
55	96	29	..	67	67	..	..	..
58	74	48	..	58	58	..	..	..
35	37	..	..	45	39	48	..	42
37	39	..	1	42	45	40	..	36
24	25	..	2	43	21	61	..	42
33	34	..	3	41	12	72	..	18
13	13	..	..	54	38	65	..	..
13	13	..	..	50	34	64	..	..
13	13	..	..	46	28	64	..	..
13	13	..	..	47	29	67	..	..
40	42	19	15	48	53	32	53	24
40	42	18	14	47	51	35	43	23
43	47	18	14	46	52	35	43	20
39	43	17	13	45	51	35	44	18
18	1	25	..	33	33	33	..	..
19	1	27	..	33	26	35	..	..
17	1	24	..	34	41	32	..	..
19	1	27	..	34	28	36	..	..
..	..	..	..	24	14	24	71	17
..	..	..	..	23	16	21	65	11
..	..	..	..	21	15	19	66	11
..	..	..	..	22	16	18	69	11
34	34	..	..	37	38	31	..	..
148	148	..	..	39	42	20	..	..
87	87	..	..	35	38	16	..	5
95	95	..	..	36	41	14	..	8
40	40	..	..	55	55	..	..	..
40	40	..	..	57	57	..	..	..
42	42	..	..	59	59	..	..	..
41	41	..	..	62	62	..	..	..
77	77	..	..	75	77	43	..	..
63	63	..	..	70	72	39	..	..
73	73	..	..	70	72	32	..	68
75	75	..	..	50	51	29	..	68
..	..	..	..	54	0	54	..	..
..	..	..	..	52	0	52	..	..
..	..	..	..	58	0	59	..	..
..	..	..	..	49	0	50	..	..
52	52	..	..	53	53	..	..	23
62	62	..	..	54	54	..	..	23
70	70	..	..	60	60	..	..	23
73	73	..	..	60	60	..	..	23
..	..	..	..	21	32	2	..	17
..	..	..	..	28	29	26	..	17
..	..	..	..	18	18	17	..	17
..	..	..	..	23	24	23	..	17
48	53	..	..	47	52	34	78	22
47	53	..	..	47	50	40	88	22
47	52	..	..	46	51	37	87	19
43	48	..	..	44	48	40	76	17

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
China, Hong Kong SAR	2011	35	35	..	..	..	..	..
	2012	35	35	..	..	..	..	..
	2013	35	35	..	..	..	..	..
	2014	36	36	..	..	..	..	..
China, Macao SAR	2011	20	20	..	..	..	..	..
	2012	13	13	..	..	..	..	..
	2013	9	9	..	..	..	..	..
	2014	15	15	..	..	..	..	..
Cyprus	2011	32	34	..	..	10	12	..
	2012	31	33	..	..	14	14	..
	2013	29	30	..	..	18	15	..
	2014	29	31	..	..	14	13	..
Georgia	2011	27	15	34	..	..	..	..
	2012	25	17	31	..	..	..	..
	2013	26	12	35	..	..	..	..
	2014	27	14	36	..	..	..	..
India	2011	44	48	30	77	17	..	..
	2012	42	46	33	79	18	..	..
	2013	46	49	40	82	18	17	..
	2014	47	53	37	71	12	15	..
Indonesia	2011	44	43	32	..	6	11	91
	2012	42	43	29	..	6	8	75
	2013	45	44	38	..	3	7	72
	2014	42	41	40	..	0	8	72
Iran (Islamic Rep. of)	2011	39	43	16	4	25	6	36
	2012	39	43	15	21	22	7	38
	2013	40	43	16	51	39	8	34
	2014	43	46	18	50	34	..	..
Iraq	2011	37	40	19	..	..	..	..
	2012	31	33	20	..	..	..	..
	2013	25	25	22	..	..	..	..
	2014	30	32	13	..	..	..	..
Israel	2011	49	50	47	..	13	12	7
	2012	50	50	54	..	11	18	..
	2013	47	48	32	..	11	12	..
	2014	43	44	15	..	11	14	..
Japan	2011	42	54	22	24	22	12	57
	2012	41	57	20	4	21	12	58
	2013	40	56	20	2	18	12	58
	2014	38	54	20	0	21	12	58
Jordan	2011	48	48	52	..	24	..	..
	2012	54	54	58	..	24	..	..
	2013	58	58	52	..	24	..	..
	2014	50	50	55	..	20	..	..
Kazakhstan	2011	49	50	41	..	..	..	..
	2012	50	51	39	..	17	..	..
	2013	53	54	40	..	14	11	..
	2014	48	49	38	..	15	11	..
Korea, Dem.Ppl's.Rep.	2011	23	15	30	..	..	..	..
	2012	23	15	31	..	..	..	..
	2013	22	11	32	..	..	..	..
	2014	22	12	30	..	..	..	..
Korea, Republic of	2011	71	70	14	94	23	14	54
	2012	69	72	14	83	23	12	48
	2013	68	72	15	76	23	12	31
	2014	63	63	14	86	21	12	38

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	35	35	..	..	..
..	..	..	..	36	36	..	..	..
70	70	..	..	18	18	..	..	..
77	77	..	..	9	9	..	..	..
85	85	..	..	5	5	..	..	..
94	94	..	..	11	11	..	..	..
21	21	..	23	33	35	..	..	10
19	18	..	23	31	33	..	..	14
19	18	..	23	29	30	..	..	17
21	21	..	23	29	31	..	..	13
..	..	..	..	27	15	34	..	..
..	..	..	..	25	17	31	..	..
..	..	..	..	26	12	35	..	..
..	..	..	..	27	14	36	..	..
40	40	43	..	45	50	30	77	17
40	40	43	..	43	47	33	79	18
57	59	24	18	45	48	40	82	18
41	43	20	12	48	55	37	71	13
56	56	48	14	42	41	30	..	90
57	58	50	14	39	40	26	..	74
60	59	89	8	42	41	33	..	72
58	56	91	0	39	38	35	..	72
22	22	..	..	40	45	16	4	26
22	22	..	..	40	45	15	21	23
13	13	..	..	42	46	16	51	39
13	13	..	..	45	50	18	50	31
..	..	..	..	37	40	19	..	..
..	..	..	..	31	33	20	..	..
..	..	..	..	25	25	22	..	..
..	..	..	..	30	32	13	..	..
30	45	29	11	50	50	55	..	4
26	30	23	18	51	51	66	..	11
29	50	29	12	48	48	33	..	11
33	62	29	14	44	44	11	..	11
30	31	47	15	46	62	19	24	46
29	30	43	15	44	67	17	4	47
27	30	44	13	44	66	18	2	47
25	29	45	13	42	63	18	0	50
15	15	..	..	50	50	52	..	24
14	14	..	..	56	56	58	..	24
16	16	..	..	61	61	52	..	24
22	22	..	..	51	51	55	..	20
..	..	..	..	49	50	41	..	..
..	..	..	..	50	51	39	..	17
11	..	..	11	53	54	40	..	14
11	..	..	11	48	49	38	..	15
..	..	..	..	23	15	30	..	..
..	..	..	..	23	15	31	..	..
..	..	..	..	22	11	32	..	..
..	..	..	..	22	12	30	..	..
59	61	..	13	71	71	14	94	21
52	54	..	7	71	74	14	83	21
51	54	..	7	69	74	15	76	20
49	53	..	7	64	64	14	86	19

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Kuwait	2011	44	44	..	..	..	..	..
	2012	48	48	..	..	..	..	..
	2013	44	44	..	..	..	..	..
	2014	47	47	..	..	..	..	..
Kyrgyzstan	2011	45	15	53	..	..	..	..
	2012	45	14	53	..	..	..	..
	2013	41	13	49	..	..	..	..
	2014	43	18	50	..	..	..	..
Lao People's Dem. Rep.	2011	16	68	15	..	..	13	..
	2012	14	68	13	..	..	13	..
	2013	16	68	15	..	..	13	..
	2014	15	68	15	..	..	13	..
Lebanon	2011	57	59	34	..	..	..	..
	2012	52	53	42	..	..	..	..
	2013	61	62	53	..	..	..	..
	2014	63	68	8	..	..	..	..
Malaysia	2011	50	52	29	..	..	10	..
	2012	53	55	31	..	..	10	..
	2013	50	53	31	..	..	10	..
	2014	56	61	32	..	..	16	..
Maldives	2011	39	40	..	..	..	4	..
	2012	41	42	..	..	..	7	..
	2013	41	43	..	..	..	5	..
	2014	14	14	..	..	..	5	..
Mongolia	2011	41	41	..	..	..	..	..
	2012	44	44	..	..	..	..	..
	2013	53	53	..	..	..	..	..
	2014	56	56	..	..	..	..	..
Myanmar	2011	33	37	32	..	..	..	..
	2012	34	40	32	..	..	..	..
	2013	34	34	34	..	..	..	..
	2014	34	38	32	..	..	..	..
Nepal	2011	52	0	56	..	..	..	..
	2012	53	2	57	..	..	..	..
	2013	46	2	50	..	..	..	..
	2014	48	2	51	..	..	..	..
Oman	2011	51	51	..	..	..	..	..
	2012	49	49	..	..	..	..	..
	2013	45	45	..	..	..	..	..
	2014	40	40	..	..	..	..	..
Other Asia	2011	59	60	17	93	30	3	..
	2012	59	60	21	90	25	14	..
	2013	59	60	21	92	30	10	..
	2014	61	64	18	94	27	10	..
Pakistan	2011	48	45	50	76	..	..	..
	2012	48	46	50	69	..	..	..
	2013	50	48	53	77	29	..	..
	2014	51	49	52	77	29	..	..
Philippines	2011	49	52	32	..	9	7	64
	2012	49	52	33	..	6	5	63
	2013	50	54	32	..	5	5	59
	2014	49	55	29	..	4	5	61
Qatar	2011	40	40	..	..	..	..	..
	2012	45	45	..	..	..	..	..
	2013	45	45	..	..	..	..	..
	2014	50	50	..	..	..	..	..

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	45	45	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	45	45	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	45	15	53	..	..
..	..	..	..	45	14	53	..	..
40	40	..	..	41	13	49	..	..
46	46	..	..	43	18	50	..	..
13	..	..	13	16	68	15	..	..
13	..	..	13	14	68	13	..	..
13	..	..	13	16	68	15	..	..
13	..	..	13	15	68	15	..	..
57	57	..	..	57	61	34	..	..
72	72	..	..	44	44	42	..	..
84	84	..	..	52	52	53	..	..
67	67	..	..	61	68	8	..	..
20	20	..	..	53	56	29	..	10
22	22	..	..	56	60	31	..	10
19	19	..	..	53	57	31	..	10
23	23	..	..	59	65	32	..	16
..	..	..	..	39	40	..	..	4
..	..	..	..	41	42	..	..	7
..	..	..	..	41	43	..	..	5
..	..	..	..	14	14	..	..	5
21	21	..	..	44	44	..	..	..
28	28	..	..	46	46	..	..	..
91	91	..	..	48	48	..	..	..
86	86	..	..	52	52	..	..	..
..	..	..	..	33	37	32	..	..
4	..	4	..	35	40	33	..	..
27	26	30	..	34	36	34	..	..
54	57	45	..	31	30	31	..	..
4	..	4	..	65	0	71	..	..
6	..	6	..	65	2	71	..	..
10	..	10	..	55	2	60	..	..
9	..	9	..	59	2	64	..	..
..	..	..	..	51	51	..	..	..
..	..	..	..	49	49	..	..	..
..	..	..	..	45	45	..	..	..
..	..	..	..	40	40	..	..	..
58	58	..	..	59	60	17	93	25
54	54	..	..	60	62	21	90	22
57	57	..	..	59	61	21	92	22
59	59	..	..	62	65	18	94	19
54	54	..	..	44	35	50	76	..
56	56	..	..	44	35	50	69	..
58	58	..	..	46	37	53	77	29
59	59	..	..	46	38	52	77	29
15	19	12	..	49	52	32	..	60
15	19	12	..	49	52	33	..	59
15	19	12	..	50	54	32	..	55
15	19	12	..	49	55	29	..	51
49	49	..	..	12	12	..	..	..
55	55	..	..	16	16	..	..	..
55	55	..	..	16	16	..	..	..
61	61	..	..	18	18	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Saudi Arabia	2011	56	56	..	..	..	..	..
	2012	50	50	..	..	..	11	..
	2013	55	55	..	..	..	11	..
	2014	54	54	..	..	..	11	..
Singapore	2011	52	52	..	..	..	..	..
	2012	52	52	..	..	..	..	..
	2013	48	48	..	..	..	..	..
	2014	43	43	..	..	..	..	..
Sri Lanka	2011	42	46	37	..	29	16	..
	2012	40	56	24	..	22	17	..
	2013	42	35	49	..	33	11	..
	2014	36	41	31	..	24	6	..
State of Palestine	2011	46	46	..	..	..	..	..
	2012	38	38	..	..	..	..	..
	2013	44	44	..	..	..	..	..
	2014	27	27	..	..	..	..	..
Syrian Arab Republic	2011	58	60	44	..	..	..	..
	2012	43	43	43	..	..	..	..
	2013	36	36	40	..	..	..	..
	2014	26	26	23	..	..	..	..
Tajikistan	2011	36	1	39	..	..	..	..
	2012	31	3	33	..	..	..	..
	2013	38	2	40	..	..	..	..
	2014	36	17	37	..	..	..	..
Thailand	2011	35	36	26	..	11	10	76
	2012	38	39	28	..	11	10	38
	2013	38	41	19	..	12	8	38
	2014	39	41	18	..	16	10	38
Timor-Leste	2011	32	32	..	..	..	..	..
	2012	28	28	..	..	..	..	..
	2013	24	24	..	..	..	..	..
	2014	14	14	..	..	..	..	..
Turkey	2011	49	58	35	..	31	..	69
	2012	48	57	34	..	30	..	63
	2013	43	51	30	..	31	..	51
	2014	39	51	19	..	27	5	65
Turkmenistan	2011	61	61	0	..	..	..	..
	2012	60	60	0	..	..	..	..
	2013	57	57	..	..	..	..	..
	2014	58	58	..	..	..	..	..
United Arab Emirates	2011	43	43	..	..	..	..	..
	2012	45	45	..	..	..	..	..
	2013	46	46	..	..	..	..	..
	2014	46	46	..	..	..	..	..
Uzbekistan	2011	48	46	64	..	..	..	..
	2012	47	43	69	..	..	..	..
	2013	49	45	71	..	..	..	..
	2014	50	46	73	..	..	..	..
Viet Nam	2011	47	41	59	..	32	..	..
	2012	48	42	58	..	28	..	..
	2013	52	45	63	..	28	..	..
	2014	49	52	45	..	31	..	..
Yemen	2011	46	46	..	..	..	..	..
	2012	53	53	..	..	..	..	..
	2013	63	63	..	..	..	..	..
	2014	57	57	..	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
56	56	..	..	56	56	..	..	..
50	50	..	..	50	50	..	..	11
69	69	..	..	51	51	..	..	11
71	71	..	..	49	49	..	..	11
49	49	..	..	52	52	..	..	..
65	65	..	..	52	52	..	..	..
64	64	..	..	47	47	..	..	..
68	68	..	..	42	42	..	..	..
14	0	..	17	42	46	37	..	28
14	0	..	17	40	56	24	..	22
15	0	..	21	42	35	49	..	31
15	..	..	21	36	41	31	..	22
..	..	..	..	46	46	..	..	..
..	..	..	..	38	38	..	..	..
..	..	..	..	44	44	..	..	..
..	..	..	..	27	27	..	..	..
12	12	..	..	65	68	44	..	..
9	9	..	..	48	49	43	..	..
6	6	..	..	40	40	40	..	..
5	5	..	..	28	30	23	..	..
..	..	..	..	36	1	39	..	..
..	..	..	..	31	3	33	..	..
..	..	..	..	38	2	40	..	..
..	..	..	..	36	17	37	..	..
11	11	..	..	48	50	26	..	11
11	11	..	..	51	54	28	..	11
21	20	..	..	46	51	19	..	3
25	24	..	..	44	49	18	..	4
..	..	..	..	32	32	..	..	..
..	..	..	..	28	28	..	..	..
..	..	..	..	24	24	..	..	..
..	..	..	..	14	14	..	..	..
46	51	26	23	50	58	35	..	34
47	50	35	23	48	58	34	..	32
44	47	23	54	43	51	31	..	33
15	16	8	82	41	54	19	..	31
..	..	..	..	61	61	0	..	..
..	..	..	..	60	60	0	..	..
..	..	..	..	57	57	..	..	..
..	..	..	..	58	58	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	45	45	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	46	46	..	..	..
15	15	..	..	49	46	64	..	..
14	14	..	..	48	44	69	..	..
14	14	..	..	49	45	71	..	..
15	15	..	..	50	46	73	..	..
15	15	..	..	50	46	59	..	32
16	16	4	4	52	47	58	..	33
17	17	4	4	56	50	63	..	33
13	14	3	4	53	61	46	..	33
26	26	..	..	48	48	..	..	..
33	33	..	..	54	54	..	..	..
24	24	..	..	67	67	..	..	..
23	23	..	..	60	60	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Europe	2011	43	44	32	79	22	10	43
	2012	42	42	34	81	22	11	46
	2013	41	41	36	80	23	12	44
	2014	39	38	35	81	22	12	45
Albania	2011	30	6	32	..	..	..	..
	2012	31	..	33	..	..	..	..
	2013	41	..	45	..	..	..	..
	2014	29	..	31	..	..	..	..
Andorra	2011	33	28	34	..	..	..	..
	2012	32	27	33	..	..	..	..
	2013	42	29	44	..	..	..	..
	2014	46	31	49	..	..	..	..
Austria	2011	33	36	33	..	20	6	11
	2012	36	31	42	..	21	11	11
	2013	33	26	40	..	22	11	0
	2014	31	23	38	..	21	11	0
Belarus	2011	44	44	31	..	3	..	..
	2012	39	39	24	..	20	..	..
	2013	39	39	47	..	27	..	..
	2014	40	40	42	..	37	16	..
Belgium	2011	51	41	11	93	25	10	..
	2012	46	43	13	78	23	10	..
	2013	45	42	14	82	23	10	31
	2014	40	39	12	65	27	11	23
Bosnia and Herzegovina	2011	41	57	24	..	..	..	..
	2012	37	52	23	..	..	..	..
	2013	46	53	39	..	..	..	..
	2014	43	53	32	..	..	..	..
Bulgaria	2011	57	75	14	98	18	7	..
	2012	46	59	15	95	21	9	..
	2013	43	54	17	82	23	15	..
	2014	48	61	18	92	22	14	..
Croatia	2011	32	38	28	..	19	..	..
	2012	29	33	27	..	21	6	..
	2013	37	30	45	..	23	7	..
	2014	35	22	49	..	24	12	..
Czechia	2011	50	52	14	81	21	13	..
	2012	49	50	15	86	18	12	..
	2013	47	47	18	82	21	11	..
	2014	45	44	15	81	20	12	..
Denmark	2011	30	30	22	..	28	10	..
	2012	25	24	22	..	28	3	..
	2013	29	31	16	..	26	10	..
	2014	27	26	19	..	31	11	..
Estonia	2011	52	54	68	..	23	..	..
	2012	47	50	60	..	19	..	..
	2013	52	55	37	..	24	..	..
	2014	46	49	62	..	20	..	..
Faeroe Islands	2011	30	29	33	..	26	..	..
	2012	30	32	29	..	19	..	..
	2013	29	32	26	..	23	..	..
	2014	28	25	35	..	24	..	..
Finland	2011	54	44	44	97	28	16	..
	2012	51	36	60	96	22	16	..
	2013	49	38	45	98	20	15	..
	2014	48	35	47	98	20	8	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
45	50	41	13	43	43	32	79	19
44	50	43	13	42	42	34	81	19
40	46	45	13	41	40	35	80	19
36	42	45	13	40	37	35	81	19
..	..	..	..	30	7	32	..	..
..	..	..	..	31	..	33	..	..
..	..	..	..	42	..	45	..	..
..	..	..	..	29	..	31	..	..
..	..	..	..	33	28	34	..	..
..	..	..	..	32	27	33	..	..
..	..	..	..	42	29	44	..	..
..	..	..	..	46	31	49	..	..
45	53	21	..	32	31	34	..	17
42	50	11	..	36	25	43	..	19
39	47	12	..	32	20	41	..	19
39	47	12	..	30	16	40	..	18
63	64	8	6	43	43	46	..	..
60	60	10	12	38	38	28	..	30
48	48	12	12	38	38	57	..	46
49	50	12	24	39	39	49	..	42
31	55	..	10	54	39	11	93	25
25	54	..	10	50	41	13	78	23
24	52	..	10	51	40	14	82	23
25	53	..	11	44	37	12	65	27
16	16	..	..	42	62	24	..	..
17	17	..	..	38	56	23	..	..
18	18	..	..	48	57	39	..	..
20	20	..	..	44	57	32	..	..
36	31	..	..	57	75	14	98	16
49	46	..	..	46	59	15	95	14
47	44	..	..	43	54	17	82	18
48	45	..	..	48	61	18	92	17
28	28	11	..	33	40	28	..	19
22	22	29	..	29	34	27	..	21
24	24	29	..	38	30	46	..	22
25	25	40	..	35	21	49	..	23
49	51	33	..	50	52	12	81	14
48	50	33	..	49	50	13	86	13
49	51	38	..	47	46	17	82	12
51	53	34	..	44	42	13	81	13
38	39	..	10	29	30	22	..	28
23	35	..	3	25	24	22	..	28
24	38	..	10	29	31	16	..	26
25	40	..	11	27	25	19	..	31
63	63	..	..	52	54	68	..	23
59	58	..	..	47	49	60	..	19
58	58	..	57	52	55	37	..	24
27	28	..	23	46	49	59	..	20
..	..	..	..	30	29	33	..	26
..	..	..	..	30	32	29	..	19
..	..	..	..	29	32	26	..	23
..	..	..	..	28	25	35	..	24
60	59	56	36	53	41	44	97	31
58	55	85	14	50	31	59	96	23
57	55	60	8	48	34	45	98	20
56	55	57	8	47	31	46	98	20

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
France	2011	50	22	22	80	21	8	4
	2012	50	23	29	77	23	12	8
	2013	51	23	34	77	22	12	8
	2014	50	16	31	79	22	12	8
Germany	2011	40	52	23	60	19	9	56
	2012	41	54	28	94	18	9	63
	2013	39	53	29	92	17	10	47
	2014	36	48	26	92	17	11	51
Gibraltar	2011	45	45	..	..	..	..	..
	2012	47	47	..	..	..	..	..
	2013	50	50	..	..	..	..	..
	2014	53	53	..	..	..	..	..
Greece	2011	41	53	15	..	23	11	..
	2012	39	52	16	..	25	13	..
	2013	35	44	23	..	26	16	..
	2014	30	40	16	..	21	17	..
Guernsey	2011	8	8	..	..	..	..	..
	2012	7	7	..	..	..	..	..
	2013	29	29	..	..	..	..	..
	2014	22	22	..	..	..	..	..
Hungary	2011	43	31	46	90	22	3	..
	2012	42	29	43	90	27	8	..
	2013	41	27	43	88	25	8	37
	2014	38	23	60	89	23	8	48
Iceland	2011	74	0	76	..	..	..	81
	2012	75	0	75	..	..	..	89
	2013	75	1	74	..	17	..	90
	2014	75	0	74	..	30	..	90
Ireland	2011	37	40	15	..	31	11	..
	2012	37	41	22	..	26	11	..
	2013	34	37	20	..	27	11	..
	2014	33	36	21	..	27	11	..
Isle of Man	2011	32	32	35	..	..	..	..
	2012	19	19	50	..	..	..	..
	2013	31	31	46	..	..	..	..
	2014	31	31	46	..	..	..	..
Italy	2011	29	34	25	..	16	10	71
	2012	27	32	23	..	19	13	70
	2013	27	29	28	..	20	13	70
	2014	26	28	31	..	20	14	68
Jersey	2011	2	2	..	..	..	..	..
	2012	3	3	..	..	..	..	..
	2013	16	16	..	..	..	..	..
	2014	6	6	..	..	..	..	..
Latvia	2011	27	36	21	..	22	..	..
	2012	26	25	27	..	22	..	..
	2013	24	28	21	..	20	..	..
	2014	20	26	14	..	23	..	..
Liechtenstein	2011	69	45	71	..	..	71	..
	2012	82	42	84	..	..	99	..
	2013	78	39	79	..	..	97	..
	2014	35	29	25	..	..	89	..
Lithuania	2011	14	12	14	..	27	..	..
	2012	13	12	12	..	22	3	..
	2013	12	10	14	..	25	8	..
	2014	12	9	14	..	25	12	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
22	37	16	7	52	20	23	80	19
28	46	20	10	52	19	29	77	21
26	44	41	12	53	19	34	77	20
26	52	43	11	51	11	31	79	20
59	59	54	59	39	52	23	60	15
72	72	55	72	39	52	28	94	14
53	53	49	51	38	53	29	92	13
53	53	42	53	35	48	26	92	14
..	..	..	..	45	45	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	50	50	..	..	..
..	..	..	..	53	53	..	..	..
54	54	..	..	41	53	15	..	20
51	51	..	..	39	52	16	..	19
41	41	..	..	34	44	23	..	20
41	41	..	..	30	40	16	..	19
..	..	..	..	8	8	..	..	..
..	..	..	..	7	7	..	..	..
..	..	..	..	29	29	..	..	..
..	..	..	..	22	22	..	..	..
46	48	..	3	43	30	46	90	22
52	57	..	8	42	29	43	90	27
35	41	..	14	41	26	43	88	25
28	35	..	14	38	22	60	89	23
..	..	..	..	74	0	76	..	81
..	..	..	..	75	0	75	..	89
..	..	..	..	75	1	74	..	90
..	..	..	..	75	0	74	..	90
68	69	..	11	35	38	15	..	31
73	73	..	11	35	39	22	..	26
69	70	..	11	33	35	20	..	27
69	69	..	11	32	34	21	..	27
..	..	..	..	32	32	35	..	..
..	..	..	..	19	19	50	..	..
..	..	..	..	31	31	46	..	..
..	..	..	..	31	31	46	..	..
47	46	59	45	28	33	25	..	15
44	44	51	42	27	32	23	..	17
43	42	60	32	26	29	28	..	17
44	44	71	29	26	27	31	..	18
54	54	..	..	1	1	..	..	..
71	71	..	..	1	1	..	..	..
74	74	..	..	8	8	..	..	..
15	15	..	..	5	5	..	..	..
37	43	21	0	27	36	21	..	23
50	52	27	..	26	24	27	..	21
56	57	17	..	23	27	21	..	20
68	68	40	..	19	25	14	..	23
..	..	..	..	69	45	71	..	71
..	..	..	..	82	42	84	..	99
..	..	..	..	78	39	79	..	97
..	..	..	..	35	29	25	..	89
25	16	..	..	13	12	14	..	27
33	26	..	..	12	10	12	..	22
26	18	..	..	11	9	14	..	21
31	23	..	..	10	8	14	..	23

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Luxembourg	2011	24	55	11	..	16	7	..
	2012	24	56	12	..	15	6	..
	2013	18	34	12	..	16	9	..
	2014	17	35	10	..	16	10	..
Malta	2011	43	43	..	..	..	21	..
	2012	41	42	..	..	..	16	..
	2013	38	41	..	..	..	7	..
	2014	37	40	..	..	..	10	..
Montenegro	2011	37	87	21	..	..	..	..
	2012	37	74	26	..	..	..	..
	2013	52	78	43	..	..	..	..
	2014	40	72	30	..	..	11	..
Netherlands	2011	46	48	18	93	25	8	24
	2012	39	40	32	88	23	7	29
	2013	38	40	35	68	24	7	37
	2014	37	39	35	96	23	9	40
Norway	2011	45	35	46	..	29	..	8
	2012	51	24	53	..	25	..	0
	2013	46	22	47	..	26	..	0
	2014	48	23	50	..	29	..	0
Poland	2011	54	59	13	..	20	..	46
	2012	52	58	12	..	21	11	46
	2013	52	59	15	..	20	6	46
	2014	50	57	13	..	23	3	46
Portugal	2011	30	35	25	..	25	19	96
	2012	27	36	13	..	27	19	67
	2013	31	33	30	..	30	18	90
	2014	32	33	33	..	28	17	90
Republic of Moldova	2011	23	22	54	..	..	..	..
	2012	22	22	24	..	..	..	..
	2013	21	21	32	..	11	..	..
	2014	26	26	42	..	11	11	..
Romania	2011	35	34	26	95	16	11	..
	2012	31	31	22	93	17	2	..
	2013	29	27	26	94	19	6	..
	2014	31	27	33	94	22	13	..
Russian Federation	2011	54	54	40	81	6	..	74
	2012	53	52	39	80	6	..	67
	2013	50	49	42	78	6	..	64
	2014	47	44	40	82	11	8	67
Serbia	2011	51	60	37	..	..	..	..
	2012	48	55	40	..	..	..	..
	2013	52	60	44	..	..	..	..
	2014	46	49	47	..	..	3	..
Slovakia	2011	39	29	19	91	19	9	47
	2012	39	28	20	91	23	9	41
	2013	39	24	23	93	14	13	32
	2014	39	25	20	91	23	13	54
Slovenia	2011	56	55	34	103	..	13	..
	2012	54	54	37	92	..	13	..
	2013	54	51	43	88	11	13	..
	2014	58	41	56	106	11	13	..
Spain	2011	30	30	20	88	23	19	22
	2012	30	30	15	94	25	21	22
	2013	29	24	24	93	28	21	..
	2014	28	23	25	88	26	22	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Total	Autoproducers			Main activity producers				
	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
24	35	23	7	24	57	11	..	16
19	35	29	6	25	58	12	..	15
19	36	34	9	18	34	12	..	16
18	33	34	10	17	36	10	..	16
23	19	..	29	43	43	..	..	18
37	34	..	39	41	42	..	..	9
17	23	..	17	39	41	..	..	0
37	27	..	39	37	40	..	..	..
..	..	..	..	37	87	21	..	..
..	..	..	..	37	74	26	..	..
..	..	..	..	52	78	43	..	..
11	..	..	11	40	72	30	..	..
47	50	..	20	46	47	18	93	26
46	51	..	16	38	38	32	88	24
44	51	..	14	36	37	35	68	24
37	44	..	14	37	37	35	96	23
52	50	55	..	45	7	46	..	28
47	33	62	..	52	8	53	..	25
47	31	60	..	46	9	47	..	26
42	30	51	..	49	10	50	..	29
55	54	23	30	54	59	13	..	20
55	54	23	34	52	58	12	..	21
56	56	34	26	52	59	15	..	20
55	55	34	6	50	57	13	..	23
49	50	27	14	28	32	25	..	25
45	47	19	16	25	33	13	..	27
50	53	38	15	29	27	30	..	30
46	49	44	17	30	28	33	..	28
2	2	..	..	32	31	54	..	..
3	3	..	..	30	30	24	..	..
4	4	..	..	28	28	32	..	11
11	11	..	11	29	29	42	..	11
41	45	20	11	34	33	26	95	16
24	29	19	5	32	31	22	93	19
24	29	28	6	30	27	26	94	18
22	25	41	11	33	28	33	94	20
42	42	23	..	55	55	41	81	66
42	42	38	..	53	54	39	80	60
37	38	37	..	52	51	42	78	58
30	30	36	..	49	46	40	82	20
75	75	..	..	50	60	37	..	..
56	56	..	..	48	55	40	..	..
66	66	..	..	52	60	44	..	..
94	94	..	..	46	49	47	..	0
28	41	40	11	41	27	19	91	9
28	40	35	11	40	25	20	91	10
26	36	40	13	41	22	23	93	13
30	40	44	15	40	21	20	91	13
22	50	12	13	59	55	36	103	11
21	72	12	13	57	53	40	92	14
21	67	16	13	57	51	46	88	11
22	62	22	13	62	40	59	106	13
64	65	49	23	28	25	20	88	22
65	66	26	23	28	25	15	94	24
60	61	54	4	27	19	24	93	26
50	51	61	5	26	19	25	88	25

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Sweden	2011	49	30	46	74	25	10	..
	2012	50	22	55	77	23	9	..
	2013	46	23	43	81	27	9	..
	2014	44	17	46	78	25	9	..
Switzerland	2011	40	44	28	93	17	8	..
	2012	43	42	33	89	21	8	..
	2013	42	42	33	91	17	8	..
	2014	43	41	33	95	19	9	..
T.F.Yug.Rep. Macedonia	2011	47	56	29	..	..	6	..
	2012	42	54	20	..	..	9	..
	2013	40	46	29	..	..	15	..
	2014	34	43	22	..	..	11	..
Ukraine	2011	41	31	23	74	7	2	..
	2012	41	32	23	74	13	12	..
	2013	40	31	30	69	20	11	..
	2014	37	27	18	73	31	12	..
United Kingdom	2011	45	44	22	74	28	3	11
	2012	43	42	21	81	25	9	15
	2013	43	43	20	81	29	8	23
	2014	40	41	22	73	28	9	8
Oceania	2011	47	51	34	..	33	13	93
	2012	46	51	31	..	32	12	94
	2013	45	50	36	..	29	13	88
	2014	44	48	37	..	32	14	83
American Samoa	2011	44	44	..	..	..	..	..
	2012	43	44	..	..	..	13	..
	2013	43	44	..	..	..	13	..
	2014	43	44	..	..	..	13	..
Australia	2011	46	52	22	..	33	13	11
	2012	45	52	18	..	31	12	11
	2013	44	50	26	..	28	13	11
	2014	43	48	26	..	31	14	11
Cook Islands	2011	48	48	..	..	..	..	..
	2012	47	47	..	..	..	..	..
	2013	46	46	..	..	..	..	..
	2014	45	45	..	..	..	..	..
Fiji	2011	35	32	40	..	6	..	..
	2012	32	22	44	..	8	..	..
	2013	32	23	45	..	6	..	..
	2014	32	32	34	..	5	..	..
French Polynesia	2011	38	34	54	..	..	14	..
	2012	39	36	50	..	..	25	..
	2013	37	35	47	..	..	30	..
	2014	36	32	52	..	..	42	..
Guam	2011	38	38	..	..	..	..	..
	2012	37	37	..	..	..	..	..
	2013	36	36	..	..	..	..	..
	2014	36	36	..	..	..	..	..
Kiribati	2011	46	50	..	..	..	..	..
	2012	46	50	..	..	..	..	..
	2013	46	50	..	..	..	..	..
	2014	46	51	..	..	..	..	..
Marshall Islands	2011	31	31	..	..	..	..	..
	2012	27	27	..	..	..	8	..
	2013	29	29	..	..	..	8	..
	2014	29	29	..	..	..	5	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
49	49	57	..	49	25	46	74	25
58	58	65	..	50	16	55	77	23
56	56	13	..	46	16	43	81	27
55	55	15	..	44	11	46	78	25
44	47	58	8	40	37	27	93	17
40	46	55	8	43	32	32	89	21
35	47	55	8	43	27	32	91	17
33	49	59	9	44	20	32	95	19
8	8	..	..	47	56	29	..	6
8	8	..	..	42	54	20	..	9
6	6	..	..	40	46	29	..	15
3	3	..	..	34	43	22	..	3
13	13	40	..	42	32	23	74	5
13	13	46	..	43	34	23	74	13
11	11	50	2	42	33	30	69	14
11	11	54	9	39	28	18	73	22
52	65	61	15	44	42	20	74	28
49	64	58	15	43	40	19	81	26
39	58	54	15	44	41	18	81	30
35	63	58	14	41	39	20	73	29
41	48	41	16	48	52	34	..	46
37	49	41	14	47	51	31	..	44
35	47	42	15	46	50	36	..	40
34	47	42	15	45	48	37	..	41
..	..	..	..	44	44	..	..	..
..	..	..	..	43	44	..	..	13
..	..	..	..	43	44	..	..	13
..	..	..	..	43	44	..	..	13
39	47	..	12	47	53	22	..	33
34	47	..	12	46	52	18	..	31
33	45	..	13	46	50	26	..	28
31	45	..	14	44	49	26	..	31
..	..	..	..	48	48	..	..	..
..	..	..	..	47	47	..	..	..
..	..	..	..	46	46	..	..	..
..	..	..	..	45	45	..	..	..
10	10	..	..	41	48	40	..	6
11	11	..	..	37	28	44	..	8
11	11	..	..	36	28	45	..	6
11	11	..	..	36	40	34	..	5
..	..	..	..	38	34	54	..	14
..	..	..	..	39	36	50	..	25
..	..	..	..	37	35	47	..	30
..	..	..	..	36	32	52	..	42
..	..	..	..	38	38	..	..	..
..	..	..	..	37	37	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	36	36	..	..	..
..	..	..	..	46	50	..	..	..
..	..	..	..	46	50	..	..	..
..	..	..	..	46	50	..	..	..
..	..	..	..	46	51	..	..	..
..	..	..	..	31	31	..	..	..
..	..	..	..	27	27	..	..	8
..	..	..	..	29	29	..	..	8
..	..	..	..	29	29	..	..	5

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Country or area	Year	Total producers						
		Total	Combustible fuels	Hydro	Nuclear	Wind	Solar	Other
Micronesia (Fed. States of)	2011	23	23	..	..	..	15	..
	2012	23	24	..	..	..	15	..
	2013	24	24	..	..	..	23	..
	2014	23	24	..	..	..	23	..
Nauru	2011	49	50	..	..	..	29	..
	2012	50	51	..	..	..	16	..
	2013	52	52	..	..	..	16	..
	2014	47	48	..	..	..	9	..
New Caledonia	2011	52	55	55	..	14	12	..
	2012	52	54	59	..	17	15	..
	2013	41	40	67	..	16	14	..
	2014	44	46	42	..	18	14	..
New Zealand	2011	52	41	55	..	36	..	94
	2012	53	50	50	..	38	14	95
	2013	52	49	50	..	37	11	89
	2014	51	40	53	..	37	10	83
Niue	2011	17	18	..	..	..	15	..
	2012	18	18	..	..	..	14	..
	2013	18	18	..	..	..	15	..
	2014	15	17	..	..	..	2	..
Northern Mariana Islands	2011	57	57	..	..	..	..	..
	2012	53	53	..	..	..	..	..
	2013	52	52	..	..	..	..	..
	2014	51	51	..	..	..	..	..
Palau	2011	29	29	..	..	..	..	..
	2012	29	29	..	..	..	..	..
	2013	29	29	..	..	..	..	..
	2014	30	30	..	..	..	..	..
Papua New Guinea	2011	53	54	44	..	..	..	86
	2012	54	56	43	..	..	..	86
	2013	55	57	44	..	..	..	86
	2014	49	48	42	..	..	..	86
Samoa	2011	31	30	33	..	..	..	..
	2012	32	31	35	..	..	..	..
	2013	33	33	34	..	..	..	..
	2014	37	38	34	..	..	..	..
Solomon Islands	2011	26	26	..	..	..	..	..
	2012	26	26	..	..	..	..	..
	2013	28	28	..	..	..	..	..
	2014	29	29	..	..	..	..	..
Tonga	2011	43	43	..	..	..	..	..
	2012	43	43	..	..	..	..	..
	2013	41	43	..	..	..	16	..
	2014	40	43	..	..	..	18	..
Tuvalu	2011	22	22	..	..	..	..	..
	2012	22	22	..	..	..	..	..
	2013	21	21	..	..	..	..	..
	2014	21	21	..	..	..	..	..
Vanuatu	2011	25	24	54	..	19	16	..
	2012	24	24	69	..	11	21	..
	2013	25	24	67	..	11	21	..
	2014	24	24	67	..	11	21	..
Wallis and Futuna Is.	2011	20	20	..	..	..	..	..
	2012	19	20	..	..	..	..	..
	2013	19	19	..	..	..	..	..
	2014	19	19	..	..	..	..	..

Table 31

Utilization of installed electricity capacity - by type

Kilowatt-hours per kilowatt divided by 8760

Autoproducers				Main activity producers				
Total	Combustible fuels	Hydro	Other	Total	Combustible fuels	Hydro	Nuclear	Other
..	..	..	..	23	23	..	..	15
..	..	..	..	23	24	..	..	15
..	..	..	..	24	24	..	..	23
..	..	..	..	23	24	..	..	23
..	..	..	..	49	50	..	..	29
..	..	..	..	50	51	..	..	16
..	..	..	..	52	52	..	..	16
..	..	..	..	47	48	..	..	9
35	38	..	14	52	56	55	..	14
36	38	..	14	52	55	59	..	17
39	39	..	14	42	40	67	..	16
46	46	..	14	44	46	42	..	18
58	60	46	43	52	39	55	..	68
62	65	49	37	52	49	50	..	70
62	67	49	33	52	47	50	..	67
59	66	49	27	51	38	53	..	65
..	..	..	..	17	18	..	..	15
..	..	..	..	18	18	..	..	14
..	..	..	..	18	18	..	..	15
..	..	..	..	15	17	..	..	2
..	..	..	..	57	57	..	..	..
..	..	..	..	53	53	..	..	..
..	..	..	..	52	52	..	..	..
..	..	..	..	51	51	..	..	..
34	34	..	..	29	29	..	..	..
34	34	..	..	29	29	..	..	..
34	34	..	..	29	29	..	..	..
35	35	..	..	30	30	..	..	..
62	64	40	86	37	26	46	..	..
64	66	40	86	37	26	45	..	..
62	64	42	86	40	33	45	..	..
56	55	42	86	35	26	43	..	..
23	23	..	..	32	31	33	..	..
23	23	..	..	33	32	35	..	..
23	23	..	..	34	34	34	..	..
23	23	..	..	38	39	34	..	..
18	18	..	..	27	28	..	..	..
18	18	..	..	28	28	..	..	..
18	18	..	..	30	30	..	..	..
18	18	..	..	31	31	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	43	43	..	..	..
..	..	..	..	41	43	..	..	16
..	..	..	..	40	43	..	..	18
..	..	..	..	22	22	..	..	..
..	..	..	..	22	22	..	..	..
..	..	..	..	21	21	..	..	..
..	..	..	..	21	21	..	..	..
..	..	..	..	25	24	54	..	19
..	..	..	..	24	24	69	..	11
..	..	..	..	25	24	67	..	12
..	..	..	..	24	24	67	..	12
..	..	..	..	20	20	..	..	..
..	..	..	..	19	20	..	..	..
..	..	..	..	19	19	..	..	..
..	..	..	..	19	19	..	..	..