

# **ELECTRICITY PROFILES**

# Statistics on electricity

## Afghanistan

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 1420                          | 1301  | 1626  | 1371  | *1409 | *1414 |
| Combustible fuels                                      | 176                           | 200   | 183   | 124   | *130  | *130  |
| Hydro                                                  | 1244                          | 1066  | 1388  | 1181  | *1215 | *1220 |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | 35    | 55    | 66    | *64   | *64   |
| Main activity                                          | 1098                          | 979   | 1286  | 1031  | *1074 | *1084 |
| Combustible fuels                                      | 168                           | 193   | 177   | 118   | *124  | *124  |
| Hydro                                                  | 930                           | 786   | 1088  | 881   | *920  | *930  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | 21    | 32    | *30   | *30   |
| Own use in electricity, CHP and heat plants            | *55                           | *90   | *89   | *89   | *75   | *74   |
| Net production                                         | 1365                          | 1211  | 1537  | 1282  | *1334 | *1340 |
| Imports                                                | 4611                          | 4986  | 4912  | 5152  | *5100 | *5200 |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *615                          | *640  | *670  | *670  | *685  | *690  |
| Consumption                                            | *5357                         | *5552 | *5777 | *5760 | *5749 | *5850 |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *1390                         | *1460 | *1510 | *1320 | *1300 | *1320 |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *3967                         | *4092 | *4267 | *4440 | *4449 | *4530 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *519                          | *541  | *550  | *550  | *558  | *662  |
| Combustible fuels                                      | *135                          | *135  | *135  | *135  | *135  | *135  |
| Hydro                                                  | *384                          | *384  | *384  | *384  | *392  | *494  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | 22    | 31    | 31    | 31    | 33    |
| Main activity                                          | *324                          | *326  | *336  | *336  | *344  | *446  |
| Combustible fuels                                      | *70                           | *70   | *70   | *70   | *70   | *70   |
| Hydro                                                  | *254                          | *254  | *254  | *254  | *262  | *364  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | 2     | 12    | 12    | 12    | 12    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Hard Coal                                              | *1367                         | *1445 | *1238 | *439  | *439  | *439  |
| Gas-diesel oil                                         | *860                          | *1402 | *1634 | *1720 | *1806 | *1806 |
| Fuel oil                                               | 40                            | *40   | *40   | *40   | *40   | *40   |
| <b>Total input</b>                                     | *2268                         | *2887 | *2913 | *2199 | *2285 | *2285 |
| <b>Total production</b>                                | 635                           | 720   | 658   | 447   | *468  | *468  |
| <b>Estimated efficiency (% of production to input)</b> | 28                            | 25    | 23    | 20    | 20    | 20    |

## Statistics on electricity

### Albania

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 4526                          | 8553 | 5206 | 5313 | 8963 | 7003 |
| Combustible fuels                                      | ..                            | ..   | ..   | ..   | ..   | ..   |
| Hydro                                                  | 4525                          | 8552 | 5184 | 5281 | 8922 | 6842 |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 22   | 32   | 41   | 161  |
| Main activity                                          | 4526                          | 8553 | 5206 | 5313 | 8963 | 7003 |
| Combustible fuels                                      | ..                            | ..   | ..   | ..   | ..   | ..   |
| Hydro                                                  | 4525                          | 8552 | 5184 | 5281 | 8922 | 6842 |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 22   | 32   | 41   | 161  |
| Own use in electricity, CHP and heat plants            | 28                            | 45   | 28   | 26   | 26   | 28   |
| Net production                                         | 4498                          | 8508 | 5179 | 5288 | 8936 | 6974 |
| Imports                                                | 2915                          | 850  | 3177 | 3239 | 2252 | 3044 |
| Exports                                                | 0                             | 1764 | 770  | 963  | 2800 | 2123 |
| Losses                                                 | 1276                          | 1114 | 1054 | 907  | 1357 | 959  |
| Consumption                                            | 6135                          | 6481 | 6530 | 6656 | 7031 | 6937 |
| Energy industries own use                              | 179                           | 396  | 347  | 340  | 366  | 349  |
| By industry and construction                           | 1255                          | 1316 | 1357 | 1365 | 1419 | 1661 |
| By transport                                           | ..                            | ..   | 4    | 4    | 5    | 6    |
| By households and other cons.                          | 4701                          | 4769 | 4822 | 4947 | 5241 | 4920 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 2171                          | 2229 | 2299 | 2531 | 2723 | 2816 |
| Combustible fuels                                      | 123                           | 123  | 123  | 123  | 123  | 123  |
| Hydro                                                  | 2047                          | 2105 | 2162 | 2387 | 2507 | 2493 |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 14   | 21   | 93   | 200  |
| Main activity                                          | 2146                          | 2204 | 2274 | 2506 | 2628 | 2691 |
| Combustible fuels                                      | 98                            | 98   | 98   | 98   | 98   | 98   |
| Hydro                                                  | 2047                          | 2105 | 2162 | 2387 | 2507 | 2493 |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 14   | 21   | 23   | 100  |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| <b>Total input</b>                                     | ..                            | ..   | ..   | ..   | ..   | ..   |
| <b>Total production</b>                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| <b>Estimated efficiency (% of production to input)</b> | ..                            | ..   | ..   | ..   | ..   | ..   |

# Statistics on electricity

## Algeria

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 76018                         | 76662  | 81531  | 79155  | 85391  | 91231  |
| Combustible fuels                                      | 75383                         | 75880  | 80691  | 78432  | 84729  | 90550  |
| Hydro                                                  | 56                            | 117    | 152    | 50     | 9      | 16     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 579                           | 665    | 688    | 673    | 653    | 665    |
| Main activity                                          | 70898                         | 71225  | 76023  | 73838  | 79903  | 85754  |
| Combustible fuels                                      | 70263                         | 70443  | 75183  | 73115  | 79241  | 85073  |
| Hydro                                                  | 56                            | 117    | 152    | 50     | 9      | 16     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 579                           | 665    | 688    | 673    | 653    | 665    |
| Own use in electricity, CHP and heat plants            | 7473                          | 7702   | 8191   | 10301  | 10845  | 9570   |
| Net production                                         | 68545                         | 68960  | 73340  | 68854  | 74546  | 81661  |
| Imports                                                | 537                           | 506    | 531    | 513    | 379    | 181    |
| Exports                                                | 880                           | 597    | 673    | 574    | 1529   | 2753   |
| Losses                                                 | 10869                         | 9904   | 9897   | 8980   | 8975   | 8774   |
| Consumption                                            | 57334                         | 58967  | 63296  | 59814  | 64420  | 70315  |
| Energy industries own use                              | 957                           | 813    | 1112   | 916    | 978    | 2809   |
| By industry and construction                           | 20182                         | 20670  | 21941  | 20546  | 21635  | 22674  |
| By transport                                           | 1069                          | 1173   | 1236   | 1551   | 1593   | 1980   |
| By households and other cons.                          | 35126                         | 36311  | 39007  | 36801  | 40214  | 42851  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 19554                         | 21166  | *21653 | *21634 | *22448 | *22460 |
| Combustible fuels                                      | 18892                         | 20480  | *20967 | *20967 | *21861 | *21861 |
| Hydro                                                  | 228                           | 228    | 228    | 209    | 129    | 129    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 434                           | 458    | 458    | 458    | 458    | 470    |
| Main activity                                          | 15240                         | 15087  | *15086 | *15067 | *16183 | *16195 |
| Combustible fuels                                      | 14578                         | 14401  | *14400 | *14400 | *15596 | *15596 |
| Hydro                                                  | 228                           | 228    | 228    | 209    | 129    | 129    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 434                           | 458    | 458    | 458    | 458    | 470    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Gas-diesel oil                                         | 9761                          | 9469   | 9288   | 8613   | 8772   | 9297   |
| Natural gas                                            | 722981                        | 740892 | 756929 | 740033 | 837664 | 905536 |
| <b>Total input</b>                                     | 732742                        | 750360 | 766217 | 748646 | 846436 | 914834 |
| <b>Total production</b>                                | 271379                        | 273168 | 290488 | 282355 | 305024 | 325981 |
| <b>Estimated efficiency (% of production to input)</b> | 37                            | 36     | 38     | 38     | 36     | 36     |

## Statistics on electricity

### American Samoa

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 175                           | 171   | 178   | 180   | 183   | 183   |
| Combustible fuels                                      | 167                           | 163   | 170   | 174   | 176   | 176   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 8                             | 8     | 7     | 7     | 7     | 7     |
| Main activity                                          | 175                           | 171   | 178   | 180   | 183   | 183   |
| Combustible fuels                                      | 167                           | 163   | 170   | 174   | 176   | 176   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 8                             | 8     | 7     | 7     | 7     | 7     |
| Own use in electricity, CHP and heat plants            | 8                             | 5     | 4     | 5     | 4     | 5     |
| Net production                                         | 166                           | 167   | 173   | 175   | 179   | 178   |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | 11                            | 14    | 18    | 18    | 19    | 15    |
| Consumption                                            | *155                          | *150  | *155  | *157  | *160  | *159  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *32                           | *34   | *33   | *27   | *29   | *30   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *123                          | *116  | *122  | *131  | *130  | *129  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 46                            | 47    | 47    | *47   | *50   | *50   |
| Combustible fuels                                      | 42                            | 42    | 42    | *42   | *45   | *45   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 4                             | 5     | 5     | 5     | 5     | 5     |
| Main activity                                          | 46                            | 47    | 47    | *47   | *50   | *50   |
| Combustible fuels                                      | 42                            | 42    | 42    | *42   | *45   | *45   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 4                             | 5     | 5     | 5     | 5     | 5     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *1668                         | *1677 | *1703 | *1737 | *1763 | *1763 |
| <b>Total input</b>                                     | *1668                         | *1677 | *1703 | *1737 | *1763 | *1763 |
| <b>Total production</b>                                | 601                           | 587   | 612   | 625   | 635   | 635   |
| <b>Estimated efficiency (% of production to input)</b> | 36                            | 35    | 36    | 36    | 36    | 36    |

## Statistics on electricity

### Andorra

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 111                           | 145  | 118  | 153  | 109  | 100  |
| Combustible fuels                                      | 26                            | 31   | 32   | 29   | 29   | 29   |
| Hydro                                                  | 85                            | 114  | 85   | 124  | 79   | 70   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 1    | 1    | 1    | 2    |
| Main activity                                          | 90                            | 120  | 91   | 128  | 87   | 77   |
| Combustible fuels                                      | 4                             | 5    | 6    | 4    | 7    | 6    |
| Hydro                                                  | 85                            | 114  | 85   | 124  | 79   | 70   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 1    | 1    | 1    | 2    |
| Own use in electricity, CHP and heat plants            | 5                             | 5    | 5    | 5    | 5    | 5    |
| Net production                                         | 107                           | 140  | 112  | 148  | 104  | 95   |
| Imports                                                | 471                           | 439  | 465  | 375  | 426  | 461  |
| Exports                                                | 0                             | 0    | 0    | 0    | 0    | 0    |
| Losses                                                 | 67                            | 68   | 66   | 54   | 60   | 62   |
| Consumption                                            | 486                           | 492  | 490  | 447  | 448  | 472  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 8                             | 11   | 17   | 15   | 17   | 19   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 478                           | 482  | 473  | 432  | 432  | 453  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 53                            | 53   | 53   | 54   | 54   | 54   |
| Combustible fuels                                      | 7                             | 7    | 7    | 7    | 7    | 7    |
| Hydro                                                  | 46                            | 46   | 46   | 46   | 46   | 46   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | *1   | 1    | 1    | 1    | 1    |
| Main activity                                          | 48                            | 48   | 48   | 49   | 49   | 49   |
| Combustible fuels                                      | 2                             | 2    | 2    | 2    | 2    | 2    |
| Hydro                                                  | 46                            | 46   | 46   | 46   | 46   | 46   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | *1   | 1    | 1    | 1    | 1    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Natural gas                                            | 72                            | 79   | 100  | 101  | 143  | 140  |
| Municipal waste                                        | 194                           | 268  | 291  | 270  | 241  | 268  |
| <b>Total input</b>                                     | 266                           | 347  | 391  | 371  | 384  | 408  |
| <b>Total production</b>                                | 93                            | 110  | 116  | 103  | 103  | 105  |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 32   | 30   | 28   | 27   | 26   |

# Statistics on electricity

## Angola

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 11187                         | 13513  | 14247  | 14488  | 14741  | 15983  |
| Combustible fuels                                      | 3516                          | 3123   | 3383   | 1967   | 3498   | 3051   |
| Hydro                                                  | 7653                          | 10372  | 10826  | 12478  | 11203  | 12318  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 18                            | 18     | 38     | 43     | 39     | *613   |
| Main activity                                          | 10757                         | 13092  | 13829  | 14093  | 14341  | 15583  |
| Combustible fuels                                      | 3086                          | 2702   | 2965   | 1572   | 3098   | 2651   |
| Hydro                                                  | 7653                          | 10372  | 10826  | 12478  | 11203  | 12318  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 18                            | 18     | 38     | 43     | 39     | *613   |
| Own use in electricity, CHP and heat plants            | 265                           | 322    | 388    | 413    | *414   | *378   |
| Net production                                         | 10922                         | 13191  | 13859  | 14075  | 14327  | 15604  |
| Imports                                                | ..                            | ..     | 64     | 60     | 59     | 31     |
| Exports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Losses                                                 | 1207                          | 1447   | 1741   | *1845  | *1800  | *1817  |
| Consumption                                            | 9715                          | 11743  | *12182 | *12289 | *12585 | *13818 |
| Energy industries own use                              | ..                            | ..     | ..     | ..     | ..     | ..     |
| By industry and construction                           | 3117                          | 3727   | *4000  | *4000  | *4000  | *4200  |
| By transport                                           | ..                            | ..     | ..     | ..     | ..     | ..     |
| By households and other cons.                          | 6598                          | 8016   | *8182  | *8289  | *8585  | *9618  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 4331                          | 5146   | 5926   | 6166   | 6168   | 6733   |
| Combustible fuels                                      | 1964                          | 2137   | 2571   | 2477   | 2479   | 2718   |
| Hydro                                                  | 2355                          | 2996   | 3342   | 3676   | 3676   | 3729   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 13                            | 13     | 13     | 13     | *13    | 285    |
| Main activity                                          | 4081                          | 4896   | 5626   | 5856   | 5858   | 6423   |
| Combustible fuels                                      | 1714                          | 1887   | 2271   | 2167   | 2169   | 2408   |
| Hydro                                                  | 2355                          | 2996   | 3342   | 3676   | 3676   | 3729   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 13                            | 13     | 13     | 13     | *13    | 285    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Gas-diesel oil                                         | *25499                        | *23951 | 18256  | 7972   | *12647 | *13586 |
| Fuel oil                                               | 1535                          | 3208   | 2440   | *3030  | *3030  | *3232  |
| Natural gas                                            | 361                           | 867    | 14783  | *9823  | *17985 | *12621 |
| Bagasse                                                | *541                          | *579   | *618   | *618   | *618   | *618   |
| <b>Total input</b>                                     | *27936                        | *28605 | 36097  | *21443 | *34280 | *30057 |
| <b>Total production</b>                                | 12659                         | 11243  | 12179  | 7081   | 12594  | 10985  |
| <b>Estimated efficiency (% of production to input)</b> | 45                            | 39     | 34     | 33     | 37     | 37     |

# Statistics on electricity

## Anguilla

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 82                            | 83   | 100  | 90   | 98   | 106  |
| Combustible fuels                                      | 80                            | 81   | 97   | 88   | 95   | 103  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 2    | 3    | 3    | 3    | *3   |
| Main activity                                          | 82                            | 83   | 100  | 90   | 98   | 106  |
| Combustible fuels                                      | 80                            | 81   | 97   | 88   | 95   | 103  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 2    | 3    | 3    | 3    | *3   |
| Own use in electricity, CHP and heat plants            | 5                             | 5    | 6    | 6    | 5    | 6    |
| Net production                                         | 77                            | 78   | 94   | 85   | 93   | 100  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | *5                            | *4   | *5   | *4   | *7   | *14  |
| Consumption                                            | *72                           | *74  | *88  | *80  | *86  | *86  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | *72                           | *74  | *88  | *80  | *86  | *86  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 26                            | 25   | 26   | *26  | *26  | *26  |
| Combustible fuels                                      | 24                            | 24   | 24   | *24  | *24  | *24  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 1    | 2    | 2    | *2   | *2   |
| Main activity                                          | 26                            | 25   | 26   | *26  | *26  | *26  |
| Combustible fuels                                      | 24                            | 24   | 24   | *24  | *24  | *24  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 1    | 2    | 2    | *2   | *2   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | *808                          | *839 | *989 | *946 | *972 | *989 |
| <b>Total input</b>                                     | *808                          | *839 | *989 | *946 | *972 | *989 |
| <b>Total production</b>                                | 286                           | 290  | 349  | 316  | 343  | 371  |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 35   | 35   | 33   | 35   | 38   |



## Statistics on electricity

### Antigua and Barbuda

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | *353                          | 362   | 358   | 347   | 351   | *368  |
| Combustible fuels                                      | *344                          | 349   | 345   | 330   | 334   | *351  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 9                             | 13    | 13    | 16    | *17   | *17   |
| Main activity                                          | *352                          | 361   | 357   | 346   | 350   | *367  |
| Combustible fuels                                      | *343                          | 348   | 344   | 329   | 333   | *350  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 9                             | 13    | 13    | 16    | *17   | *17   |
| Own use in electricity, CHP and heat plants            | *8                            | 7     | 7     | 10    | 11    | *13   |
| Net production                                         | *345                          | 355   | 351   | 337   | 340   | *355  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *90                           | *55   | 47    | 35    | *36   | *40   |
| Consumption                                            | *255                          | *300  | *305  | 307   | *304  | *315  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *8                            | *8    | *6    | 6     | *6    | *8    |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *247                          | *292  | *299  | 301   | *298  | *307  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *119                          | 91    | 90    | 92    | 146   | *146  |
| Combustible fuels                                      | *113                          | 82    | 79    | 79    | 128   | *128  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 6                             | 9     | 10    | 13    | 18    | 18    |
| Main activity                                          | *118                          | 90    | 89    | 91    | 145   | *145  |
| Combustible fuels                                      | *112                          | 81    | 78    | 78    | 127   | *127  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 6                             | 9     | 10    | 13    | 18    | 18    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Fuel oil                                               | *3878                         | *3919 | *4000 | *3838 | *3878 | *3891 |
| <b>Total input</b>                                     | *3878                         | *3919 | *4000 | *3838 | *3878 | *3891 |
| <b>Total production</b>                                | *1238                         | 1256  | 1243  | 1190  | 1202  | *1264 |
| <b>Estimated efficiency (% of production to input)</b> | 32                            | 32    | 31    | 31    | 31    | 32    |

## Statistics on electricity

### Argentina

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 145618                        | 152224 | 145990 | 144924 | 153779 | 146315 |
| Combustible fuels                                      | 97257                         | 102820 | 95389  | 99199  | 107628 | 97688  |
| Hydro                                                  | 41645                         | 41430  | 36878  | 24262  | 20186  | 23580  |
| Nuclear                                                | 6088                          | 6453   | 7927   | 10707  | 10831  | 7955   |
| Other                                                  | 628                           | 1521   | 5796   | 10757  | 15134  | 17092  |
| Main activity                                          | 130874                        | 137480 | 131246 | 131139 | 139994 | 134020 |
| Combustible fuels                                      | 82559                         | 88122  | 80691  | 85456  | 93885  | 85406  |
| Hydro                                                  | 41599                         | 41384  | 36832  | 24220  | 20144  | 23567  |
| Nuclear                                                | 6088                          | 6453   | 7927   | 10707  | 10831  | 7955   |
| Other                                                  | 628                           | 1521   | 5796   | 10757  | 15134  | 17092  |
| Own use in electricity, CHP and heat plants            | 3696                          | 3917   | 3732   | 4123   | 4261   | 4906   |
| Net production                                         | 141922                        | 148307 | 142258 | 140801 | 149518 | 141409 |
| Imports                                                | 10529                         | 10030  | 10946  | 7802   | 6348   | 12906  |
| Exports                                                | 69                            | 280    | 261    | 3089   | 3850   | 31     |
| Losses                                                 | 22981                         | 23672  | 20862  | 20740  | 22324  | 29871  |
| Consumption                                            | 129402                        | 129145 | 126020 | 125058 | 129600 | 125223 |
| Energy industries own use                              | 401                           | 401    | 401    | 536    | 536    | 810    |
| By industry and construction                           | 50374                         | 50751  | 49888  | 50649  | 46856  | 43555  |
| By transport                                           | 660                           | 544    | 528    | 314    | 490    | 257    |
| By households and other cons.                          | 77967                         | 77449  | 75203  | 73559  | 81718  | 80601  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 39764                         | 42128  | 43272  | 45565  | 46602  | 46255  |
| Combustible fuels                                      | 26510                         | 28122  | 28137  | 29062  | 29129  | 29136  |
| Hydro                                                  | 11262                         | 11308  | 11330  | 11364  | 11365  | 10916  |
| Nuclear                                                | 1755                          | 1755   | 1755   | 1755   | 1755   | 1755   |
| Other                                                  | 237                           | 943    | 2050   | 3384   | 4353   | 4448   |
| Main activity                                          | 36150                         | 38514  | 39658  | 41951  | 42988  | 42259  |
| Combustible fuels                                      | 22918                         | 24530  | 24545  | 25470  | 25537  | 25275  |
| Hydro                                                  | 11242                         | 11288  | 11310  | 11344  | 11345  | 10834  |
| Nuclear                                                | 1755                          | 1755   | 1755   | 1755   | 1755   | 1755   |
| Other                                                  | 235                           | 941    | 2048   | 3382   | 4351   | 4395   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 19386                         | 19658  | 7366   | 14256  | 25377  | 22463  |
| Gas-diesel oil                                         | 53922                         | 34873  | 17673  | 32852  | 74693  | 88718  |
| Fuel oil                                               | 58216                         | 29128  | 13978  | 29885  | 36618  | 52351  |
| Refinery gas                                           | 2673                          | 2624   | 2723   | 3272   | 3182   | ..     |
| Natural gas                                            | 699685                        | 659367 | 595249 | 533824 | 752818 | 551067 |
| Coke-oven gas                                          | 470                           | 472    | 489    | 1881   | 1829   | 2170   |
| Blast furnace gas                                      | 6447                          | 6468   | 6695   | 5627   | 5471   | 6491   |
| Fuelwood                                               | 8326                          | 5796   | 15126  | 15175  | 14755  | 28215  |
| Bagasse                                                | 5869                          | 5892   | 6039   | 16045  | 15599  | 22541  |
| <b>Total input</b>                                     | 854994                        | 764278 | 665337 | 652816 | 930341 | 774016 |
| <b>Total production</b>                                | 350125                        | 370152 | 343400 | 357116 | 387461 | 351677 |
| <b>Estimated efficiency (% of production to input)</b> | 41                            | 48     | 52     | 55     | 42     | 45     |

## Statistics on electricity

### Armenia

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 7765                          | 7791  | 7680  | 7839  | 7879  | 9190  |
| Combustible fuels                                      | 2872                          | 3376  | 3047  | 3166  | 3384  | 3879  |
| Hydro                                                  | 2269                          | 2318  | 2371  | 1778  | 2202  | 1940  |
| Nuclear                                                | 2620                          | 2076  | 2198  | 2756  | 1998  | 2846  |
| Other                                                  | 5                             | 21    | 64    | 138   | 295   | 525   |
| Main activity                                          | 7763                          | 7777  | 7632  | 7723  | 7675  | 8908  |
| Combustible fuels                                      | 2872                          | 3376  | 3047  | 3166  | 3384  | 3879  |
| Hydro                                                  | 2269                          | 2318  | 2371  | 1778  | 2202  | 1940  |
| Nuclear                                                | 2620                          | 2076  | 2198  | 2756  | 1998  | 2846  |
| Other                                                  | 2                             | 7     | 17    | 23    | 91    | 243   |
| Own use in electricity, CHP and heat plants            | 354                           | 354   | 334   | 370   | 358   | 412   |
| Net production                                         | 7412                          | 7437  | 7346  | 7468  | 7521  | 8778  |
| Imports                                                | 319                           | 204   | 293   | 320   | 368   | 124   |
| Exports                                                | 1440                          | 1627  | 1251  | 1333  | 995   | 1571  |
| Losses                                                 | 668                           | 611   | 548   | 565   | 552   | 606   |
| Consumption                                            | 5623                          | 5403  | 5839  | 5890  | 6343  | 6725  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 1655                          | 1491  | 1556  | 1648  | 1779  | 1835  |
| By transport                                           | 102                           | 96    | 102   | 89    | 94    | 99    |
| By households and other cons.                          | 3867                          | 3815  | 4182  | 4153  | 4470  | 4791  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 3582                          | 3591  | 3621  | 3687  | 4070  | 3996  |
| Combustible fuels                                      | 1840                          | 1827  | 1827  | 1832  | 2086  | 1786  |
| Hydro                                                  | 1327                          | 1336  | 1340  | 1350  | 1345  | 1358  |
| Nuclear                                                | 408                           | 408   | 408   | 408   | 448   | 448   |
| Other                                                  | 7                             | 21    | 47    | 98    | 191   | 405   |
| Main activity                                          | 3580                          | 3581  | 3588  | 3610  | 3934  | 3799  |
| Combustible fuels                                      | 1840                          | 1827  | 1827  | 1832  | 2086  | 1786  |
| Hydro                                                  | 1327                          | 1336  | 1340  | 1350  | 1345  | 1358  |
| Nuclear                                                | 408                           | 408   | 408   | 408   | 448   | 448   |
| Other                                                  | 5                             | 11    | 14    | 21    | 55    | 208   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Natural gas                                            | 24537                         | 29391 | 26805 | 28201 | 32207 | 33032 |
| <b>Total input</b>                                     | 24537                         | 29391 | 26805 | 28201 | 32207 | 33032 |
| <b>Total production</b>                                | 10338                         | 12152 | 10969 | 11396 | 12181 | 13963 |
| <b>Estimated efficiency (% of production to input)</b> | 42                            | 41    | 41    | 40    | 38    | 42    |

# Statistics on electricity

## Aruba

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | *956                          | *931  | *973  | *912  | *955  | *964  |
| Combustible fuels                                      | *812                          | *748  | *798  | *736  | *772  | *779  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | *144                          | *183  | *175  | *176  | *183  | *185  |
| Main activity                                          | *956                          | *931  | *973  | *912  | *955  | *964  |
| Combustible fuels                                      | *812                          | *748  | *798  | *736  | *772  | *779  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | *144                          | *183  | *175  | *176  | *183  | *185  |
| Own use in electricity, CHP and heat plants            | 0                             | 0     | 0     | 0     | 0     | 0     |
| Net production                                         | *956                          | *931  | *973  | *912  | *955  | *964  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *165                          | *166  | *158  | *155  | *155  | *156  |
| Consumption                                            | 798                           | 776   | 809   | 743   | 783   | 793   |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 798                           | 776   | 809   | 743   | 783   | 793   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 288                           | 295   | 295   | 295   | 295   | 295   |
| Combustible fuels                                      | 258                           | 258   | 258   | 258   | 258   | 258   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 30                            | 38    | 38    | 38    | 38    | 38    |
| Main activity                                          | 288                           | 295   | 295   | 295   | 295   | 295   |
| Combustible fuels                                      | 258                           | 258   | 258   | 258   | 258   | 258   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 30                            | 38    | 38    | 38    | 38    | 38    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *602                          | *606  | *611  | *611  | *615  | *628  |
| Fuel oil                                               | *7676                         | *7393 | *7127 | *7283 | *7490 | *7672 |
| <b>Total input</b>                                     | *8278                         | *8000 | *7737 | *7894 | *8105 | *8300 |
| <b>Total production</b>                                | *2924                         | *2692 | *2873 | *2648 | *2781 | *2803 |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 34    | 37    | 34    | 34    | 34    |

## Statistics on electricity

### Australia

| Item                                                   | 2017                          | 2018    | 2019    | 2020    | 2021    | 2022    |
|--------------------------------------------------------|-------------------------------|---------|---------|---------|---------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |         |         |         |         |
| Total main activity and autoproducer                   | 258019                        | 260999  | 264025  | 265178  | 265554  | 271532  |
| Combustible fuels                                      | 221065                        | 219884  | 215498  | 208599  | 198102  | 190726  |
| Hydro                                                  | 16285                         | 16021   | 15967   | 15150   | 15200   | 17011   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 20669                         | 25094   | 32560   | 41429   | 52252   | 63794   |
| Main activity                                          | 229078                        | 229025  | 227044  | 225417  | 221756  | 222927  |
| Combustible fuels                                      | 199558                        | 196915  | 190827  | 183150  | 172849  | 165128  |
| Hydro                                                  | 16285                         | 16021   | 15967   | 15150   | 15200   | 17011   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 13235                         | 16089   | 20250   | 27117   | 33707   | 40789   |
| Own use in electricity, CHP and heat plants            | 14502                         | 13706   | 13494   | 13265   | 13049   | 13419   |
| Net production                                         | 243517                        | 247293  | 250531  | 251913  | 252505  | 258113  |
| Imports                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Exports                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Losses                                                 | 11257                         | 11370   | 10961   | 11174   | 12590   | 13127   |
| Consumption                                            | 232260                        | 235922  | 239570  | 240740  | 239915  | 244986  |
| Energy industries own use                              | 19240                         | 20808   | 23052   | 24083   | 23539   | 24145   |
| By industry and construction                           | 76928                         | 77898   | 78096   | 77643   | 78579   | 78630   |
| By transport                                           | 5883                          | 5962    | 6255    | 6388    | 6494    | 6745    |
| By households and other cons.                          | 130208                        | 131254  | 132167  | 132626  | 131303  | 135466  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |         |         |         |         |
| Total main activity and autoproducer                   | 72188                         | 77997   | 84092   | 92394   | 98058   | 104575  |
| Combustible fuels                                      | 51218                         | 51700   | 51540   | 52826   | 53223   | 53471   |
| Hydro                                                  | 8271                          | 8523    | 8523    | 8523    | 8523    | 8523    |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 12699                         | 17774   | 24029   | 31045   | 36313   | 42581   |
| Main activity                                          | 58321                         | 60767   | 64523   | 69865   | 71866   | 75245   |
| Combustible fuels                                      | 44134                         | 44013   | 43116   | 43788   | 43788   | 43794   |
| Hydro                                                  | 8271                          | 8523    | 8523    | 8523    | 8523    | 8523    |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 5915                          | 8231    | 12883   | 17554   | 19554   | 22928   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |         |         |         |         |
| Hard Coal                                              | 803899                        | 839109  | 849811  | 773851  | 740438  | 688486  |
| Brown Coal                                             | 1019950                       | 920982  | 870160  | 836248  | 822741  | 792812  |
| Lignite briquettes                                     | 168                           | ..      | ..      | ..      | ..      | ..      |
| Biogas                                                 | 13723                         | 14633   | 14884   | 15204   | 15416   | 16449   |
| Gas-diesel oil                                         | 45967                         | 44290   | 43172   | 39605   | 41802   | 40199   |
| Fuel oil                                               | 1414                          | 1495    | 2182    | 1595    | 1561    | 1640    |
| Other oil products                                     | 3739                          | 2211    | 3256    | 2285    | 1794    | 804     |
| Natural gas                                            | 558516                        | 572280  | 567838  | 588095  | 523247  | 519704  |
| Fuelwood                                               | *6857                         | *6776   | *8814   | *7758   | *7539   | *5558   |
| Bagasse                                                | *27336                        | *27014  | *21737  | *21621  | *20481  | 21380   |
| <b>Total input</b>                                     | 2481569                       | 2428790 | 2381853 | 2286262 | 2175020 | 2087034 |
| <b>Total production</b>                                | 795834                        | 791582  | 775793  | 750958  | 713169  | 686615  |
| <b>Estimated efficiency (% of production to input)</b> | 32                            | 33      | 33      | 33      | 33      | 33      |

# Statistics on electricity

## Austria

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 71324                         | 68618  | 74234  | 72558  | 70757  | 69228  |
| Combustible fuels                                      | 21296                         | 19900  | 20865  | 18368  | 18678  | 18955  |
| Hydro                                                  | 42175                         | 41219  | 44204  | 45344  | 42540  | 39221  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 7853                          | 7499   | 9165   | 8846   | 9539   | 11052  |
| Main activity                                          | 63114                         | 60631  | 66268  | 64721  | 59993  | 58185  |
| Combustible fuels                                      | 13576                         | 12400  | 13446  | 10997  | 11009  | 11803  |
| Hydro                                                  | 41697                         | 40745  | 43669  | 44888  | 42133  | 38952  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 7841                          | 7486   | 9152   | 8836   | 6852   | 7429   |
| Own use in electricity, CHP and heat plants            | 3231                          | 3234   | 3133   | 2965   | 2657   | 2068   |
| Net production                                         | 68094                         | 65384  | 71101  | 69593  | 68100  | 67161  |
| Imports                                                | 29362                         | 28076  | 26047  | 24522  | 26436  | 28595  |
| Exports                                                | 22817                         | 19129  | 22918  | 22327  | 18893  | 19890  |
| Losses                                                 | 3459                          | 3336   | 3305   | 3192   | 3236   | 3243   |
| Consumption                                            | 71180                         | 70990  | 70893  | 68558  | 72360  | 72598  |
| Energy industries own use                              | 8098                          | 7545   | 7381   | 7027   | 7907   | 8732   |
| By industry and construction                           | 28283                         | 28456  | 28091  | 26253  | 26847  | 27563  |
| By transport                                           | 3263                          | 3281   | 3278   | 3093   | 3292   | 3373   |
| By households and other cons.                          | 31537                         | 31708  | 32143  | 32185  | 34314  | 32930  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 24919                         | 25638  | 25902  | 26350  | 27390  | 28195  |
| Combustible fuels                                      | 6613                          | 6533   | 6378   | 6437   | 6443   | 5893   |
| Hydro                                                  | 14150                         | 14516  | 14597  | 14635  | 14748  | 14923  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 4157                          | 4589   | 4927   | 5278   | 6199   | 7379   |
| Main activity                                          | 23146                         | 23921  | 23682  | 24086  | 22346  | 22619  |
| Combustible fuels                                      | 5272                          | 5244   | 4593   | 4609   | 4510   | 4361   |
| Hydro                                                  | 13718                         | 14088  | 14162  | 14199  | 14314  | 14491  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 4157                          | 4589   | 4927   | 5278   | 3523   | 3767   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Biogas                                                 | 11024                         | 8099   | 7412   | 7572   | 5166   | 5917   |
| Fuel oil                                               | 6116                          | 4692   | 6254   | 7113   | 7848   | 4980   |
| Refinery gas                                           | 7520                          | 8554   | 1919   | 1942   | 5194   | 1972   |
| Natural gas                                            | 100203                        | 90759  | 98347  | 89150  | 94192  | 92661  |
| Coke-oven gas                                          | 3367                          | 3165   | 2961   | 3290   | 3045   | 2461   |
| Blast furnace gas                                      | 14177                         | 12174  | 13219  | 12413  | 14592  | 13207  |
| Fuelwood                                               | *38305                        | *37891 | *37150 | *36282 | *35737 | *39076 |
| Municipal waste                                        | 17640                         | 17317  | 17656  | 19590  | 19590  | 19274  |
| Industrial waste                                       | 3650                          | 3112   | 3016   | 1967   | 2214   | 2383   |
| Other recovered gases                                  | 2873                          | 2299   | 2490   | 2127   | 2443   | 2047   |
| Others                                                 | 19700                         | 21097  | 17195  | 9367   | *4057  | *1682  |
| <b>Total input</b>                                     | 224577                        | 209160 | 207619 | 190814 | 194079 | 185660 |
| <b>Total production</b>                                | 76666                         | 71639  | 75115  | 66124  | 67241  | 68240  |
| <b>Estimated efficiency (% of production to input)</b> | 34                            | 34     | 36     | 35     | 35     | 37     |

## Statistics on electricity

### Azerbaijan

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 24321                         | 25229  | 26073  | 25839  | 27889  | 29041  |
| Combustible fuels                                      | 22515                         | 23339  | 24359  | 24627  | 26464  | 27300  |
| Hydro                                                  | 1746                          | 1768   | 1565   | 1070   | 1277   | 1596   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 59                            | 122    | 150    | 143    | 148    | 145    |
| Main activity                                          | 22232                         | 23133  | 24004  | 23681  | 25731  | 26876  |
| Combustible fuels                                      | 20445                         | 21243  | 22290  | 22471  | 24309  | 25137  |
| Hydro                                                  | 1746                          | 1768   | 1565   | 1067   | 1276   | 1595   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 40                            | 122    | 150    | 143    | 147    | 144    |
| Own use in electricity, CHP and heat plants            | 877                           | 869    | 816    | 762    | 776    | 783    |
| Net production                                         | 23444                         | 24361  | 25257  | 25077  | 27113  | 28258  |
| Imports                                                | 108                           | 131    | 137    | 137    | 152    | 137    |
| Exports                                                | 1283                          | 1445   | 1491   | 1151   | 1673   | 2997   |
| Losses                                                 | 2251                          | 2220   | 2226   | 2042   | 2147   | 2186   |
| Consumption                                            | 19987                         | 20804  | 21649  | 21997  | 23418  | 23191  |
| Energy industries own use                              | 2902                          | 2993   | 2983   | 2978   | 3032   | 2932   |
| By industry and construction                           | 3611                          | 3724   | 4398   | 4459   | 4879   | 5004   |
| By transport                                           | 397                           | 384    | 397    | 303    | 289    | 335    |
| By households and other cons.                          | 13077                         | 13704  | 13872  | 14257  | 15218  | 14921  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 7942                          | 7829   | 7639   | 7622   | 7965   | 7977   |
| Combustible fuels                                      | 6791                          | 6597   | 6395   | 6371   | 6694   | 6697   |
| Hydro                                                  | 1106                          | 1131   | 1145   | 1149   | 1157   | 1165   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 44                            | 101    | 99     | 101    | 114    | 115    |
| Main activity                                          | 7172                          | 6977   | 6821   | 6827   | 7229   | 7237   |
| Combustible fuels                                      | 6029                          | 5746   | 5578   | 5578   | 5962   | 5962   |
| Hydro                                                  | 1106                          | 1131   | 1145   | 1149   | 1156   | 1164   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 36                            | 101    | 99     | 101    | 110    | 111    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Gas-diesel oil                                         | 447                           | 555    | 611    | 546    | 636    | 877    |
| Fuel oil                                               | 12605                         | 0      | 0      | 0      | 5410   | 4      |
| Natural gas                                            | 213287                        | 232430 | 232673 | 229728 | 238215 | 247832 |
| Municipal waste                                        | 2782                          | 2966   | 3075   | 3164   | 3019   | 3093   |
| <b>Total input</b>                                     | 229121                        | 235951 | 236358 | 233437 | 247280 | 251806 |
| <b>Total production</b>                                | 81055                         | 84021  | 87691  | 88655  | 95270  | 98280  |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 36     | 37     | 38     | 39     | 39     |

# Statistics on electricity

## Bahamas

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 1909                          | 1927   | 1897   | 1798   | 1968   | 2175   |
| Combustible fuels                                      | 1905                          | 1923   | 1892   | 1793   | 1960   | 2167   |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 4                             | 4      | 5      | 5      | 8      | *9     |
| Main activity                                          | 1834                          | 1847   | 1805   | 1700   | 1863   | 2075   |
| Combustible fuels                                      | 1830                          | 1843   | 1800   | 1695   | 1855   | 2067   |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 4                             | 4      | 5      | 5      | 8      | *9     |
| Own use in electricity, CHP and heat plants            | *77                           | *74    | *92    | *91    | 83     | 87     |
| Net production                                         | 1832                          | 1853   | 1805   | 1707   | 1885   | 2089   |
| Imports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Exports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Losses                                                 | *191                          | *190   | *190   | 184    | *286   | *381   |
| Consumption                                            | 1641                          | 1663   | 1615   | 1523   | 1599   | 1708   |
| Energy industries own use                              | ..                            | ..     | ..     | ..     | ..     | ..     |
| By industry and construction                           | 492                           | 505    | 479    | 404    | 425    | 459    |
| By transport                                           | ..                            | ..     | ..     | ..     | ..     | ..     |
| By households and other cons.                          | 1149                          | 1158   | 1136   | 1119   | 1174   | 1248   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 578                           | 578    | 579    | 597    | 679    | *685   |
| Combustible fuels                                      | 576                           | 576    | 576    | 593    | 669    | *674   |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 3                             | 3      | 4      | 4      | 9      | 11     |
| Main activity                                          | 539                           | 539    | 540    | 558    | 634    | *641   |
| Combustible fuels                                      | 537                           | 537    | 537    | 554    | 625    | *630   |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 3                             | 3      | 4      | 4      | 9      | 11     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Gas-diesel oil                                         | *15079                        | *14882 | *14978 | *14195 | *15679 | *17333 |
| <b>Total input</b>                                     | *15079                        | *14882 | *14978 | *14195 | *15679 | *17333 |
| <b>Total production</b>                                | 6858                          | 6923   | 6811   | 6455   | 7055   | 7800   |
| <b>Estimated efficiency (% of production to input)</b> | 45                            | 47     | 45     | 45     | 45     | 45     |



# Statistics on electricity

## Bahrain

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 29193                         | 30893  | 34445  | 34769  | 35444  | 36954  |
| Combustible fuels                                      | 29183                         | 30884  | 34430  | 34752  | 35407  | 36879  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | *10                           | 9      | 16     | 17     | 37     | 74     |
| Main activity                                          | 17949                         | 19201  | 19194  | 19325  | 19870  | 20588  |
| Combustible fuels                                      | 17939                         | 19201  | 19194  | 19325  | 19869  | 20581  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | *10                           | ..     | ..     | ..     | 1      | 7      |
| Own use in electricity, CHP and heat plants            | 40                            | 1349   | 1356   | 1408   | 1442   | 1849   |
| Net production                                         | 29153                         | 29544  | 33089  | 33361  | 34002  | 35105  |
| Imports                                                | 263                           | 652    | 727    | 681    | 522    | 449    |
| Exports                                                | 260                           | 447    | 652    | 954    | 388    | 584    |
| Losses                                                 | 1420                          | 795    | 871    | 1591   | 1013   | *940   |
| Consumption                                            | 27765                         | 28986  | 30310  | 31752  | 33842  | 34444  |
| Energy industries own use                              | ..                            | ..     | ..     | ..     | ..     | ..     |
| By industry and construction                           | 13889                         | 14511  | 16052  | 17652  | 18713  | 19069  |
| By transport                                           | ..                            | ..     | ..     | ..     | ..     | ..     |
| By households and other cons.                          | 13876                         | 14476  | 14258  | 14100  | 15129  | 15374  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 6977                          | 6976   | *6980  | *6980  | *7996  | 8140   |
| Combustible fuels                                      | 6971                          | 6970   | *6970  | *6970  | *7970  | 8094   |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | *6                            | 6      | 10     | 10     | 26     | 46     |
| Main activity                                          | 3927                          | 3920   | *3920  | *3920  | *4924  | 5049   |
| Combustible fuels                                      | 3921                          | 3920   | *3920  | *3920  | *4920  | 5044   |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | *6                            | ..     | ..     | ..     | 4      | 5      |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Fuel oil                                               | ..                            | 33     | 38     | 47     | 58     | 27     |
| Natural gas                                            | 368948                        | 362732 | 413198 | 420046 | 410473 | 420274 |
| <b>Total input</b>                                     | 368948                        | 362765 | 413236 | 420094 | 410531 | 420301 |
| <b>Total production</b>                                | 105059                        | 111181 | 123948 | 125107 | 127466 | 132766 |
| <b>Estimated efficiency (% of production to input)</b> | 28                            | 31     | 30     | 30     | 31     | 32     |

# Statistics on electricity

## Bangladesh

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | *72287                        | 77935  | 85046  | 85500  | 90847  | 94886  |
| Combustible fuels                                      | *70971                        | 76552  | 83925  | 84207  | 90026  | 93811  |
| Hydro                                                  | 1041                          | 1086   | 769    | 875    | 657    | 746    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 274                           | 297    | 353    | 419    | 164    | 329    |
| Main activity                                          | *54821                        | 60460  | 67885  | 68983  | 72340  | 77917  |
| Combustible fuels                                      | *53506                        | 59077  | 66764  | 67690  | 71519  | 76842  |
| Hydro                                                  | 1041                          | 1086   | 769    | 875    | 657    | 746    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 274                           | 297    | 353    | 419    | 164    | 329    |
| Own use in electricity, CHP and heat plants            | 2900                          | 3244   | 4778   | 4804   | 1572   | 1615   |
| Net production                                         | *69387                        | 74691  | 80268  | 80696  | 89275  | 93271  |
| Imports                                                | 4656                          | 4783   | 6786   | 6674   | 8103   | 7712   |
| Exports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Losses                                                 | 8389                          | 8442   | 9533   | 9677   | 3150   | 3145   |
| Consumption                                            | 67730                         | 72578  | 79198  | 79881  | 87831  | 92838  |
| Energy industries own use                              | ..                            | ..     | ..     | ..     | ..     | ..     |
| By industry and construction                           | 35285                         | 35890  | 35493  | 33993  | 36665  | 38558  |
| By transport                                           | ..                            | ..     | ..     | ..     | ..     | ..     |
| By households and other cons.                          | 32445                         | 36688  | 43705  | 45888  | 51166  | 54280  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 12213                         | *15293 | 18054  | 19531  | 21252  | *21558 |
| Combustible fuels                                      | 11817                         | *14927 | 17541  | 18955  | 20512  | *20865 |
| Hydro                                                  | 230                           | 230    | 230    | 230    | 230    | 230    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 166                           | 136    | 283    | 346    | 510    | 463    |
| Main activity                                          | 9809                          | *10657 | 11551  | 12199  | 13111  | *13064 |
| Combustible fuels                                      | 9413                          | *10291 | 11038  | 11623  | 12371  | *12371 |
| Hydro                                                  | 230                           | 230    | 230    | 230    | 230    | 230    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 166                           | 136    | 283    | 346    | 510    | 463    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 12346                         | 17159  | 11928  | 25948  | 51959  | 49881  |
| Gas-diesel oil                                         | 25840                         | 41979  | 18778  | 1291   | 6165   | 13772  |
| Fuel oil                                               | 120418                        | 131310 | 138286 | 114504 | *80800 | *88880 |
| Natural gas                                            | 625559                        | 620231 | 681840 | 680791 | 658193 | 637709 |
| <b>Total input</b>                                     | 784163                        | 810680 | 850832 | 822534 | 797117 | 790242 |
| <b>Total production</b>                                | *255497                       | 275587 | 302128 | 303144 | 324092 | 337719 |
| <b>Estimated efficiency (% of production to input)</b> | 33                            | 34     | 36     | 37     | 41     | 43     |

## Statistics on electricity

### Barbados

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 1082                          | 1076 | 1083 | 1016 | 1025 | 1068 |
| Combustible fuels                                      | 1044                          | 1032 | 1031 | 947  | 940  | 959  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 38                            | 44   | 52   | 69   | 85   | 108  |
| Main activity                                          | 1065                          | 1059 | 1065 | 1000 | 1008 | 1050 |
| Combustible fuels                                      | 1027                          | 1015 | 1013 | 931  | 924  | 942  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 38                            | 44   | 52   | 69   | 85   | 108  |
| Own use in electricity, CHP and heat plants            | 71                            | 80   | 69   | 93   | 97   | 66   |
| Net production                                         | 1011                          | 996  | 1014 | 923  | 928  | 1001 |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 67                            | 58   | 70   | 29   | 23   | 64   |
| Consumption                                            | 944                           | 943  | 944  | 894  | 903  | 939  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 117                           | 117  | 117  | 111  | 112  | 125  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 827                           | 825  | 827  | 783  | 791  | 814  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 268                           | 291  | 307  | 317  | 319  | 329  |
| Combustible fuels                                      | 249                           | 267  | 267  | 267  | 252  | 262  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 19                            | 24   | 40   | 50   | 67   | 67   |
| Main activity                                          | 258                           | 281  | 297  | 307  | 309  | 319  |
| Combustible fuels                                      | 239                           | 257  | 257  | 257  | 242  | 252  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 19                            | 24   | 40   | 50   | 67   | 67   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 253                           | 233  | 216  | 603  | 338  | 331  |
| Fuel oil                                               | 6773                          | 7479 | 5842 | 5205 | 5365 | 6329 |
| Other kerosene                                         | 382                           | 393  | 405  | 342  | 308  | 321  |
| Natural gas                                            | 175                           | 261  | 232  | 207  | 152  | 172  |
| Bagasse                                                | 25                            | 28   | 31   | 34   | 47   | 49   |
| <b>Total input</b>                                     | 7609                          | 8395 | 6726 | 6390 | 6210 | 7202 |
| <b>Total production</b>                                | 3759                          | 3716 | 3711 | 3411 | 3385 | 3454 |
| <b>Estimated efficiency (% of production to input)</b> | 49                            | 44   | 55   | 53   | 55   | 48   |

## Statistics on electricity

### Belarus

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 34515                         | 38986  | 40465  | 38548  | 41240  | 39400  |
| Combustible fuels                                      | 33924                         | 38386  | 39756  | 37441  | 34749  | 31734  |
| Hydro                                                  | 405                           | 324    | 350    | 399    | 371    | 371    |
| Nuclear                                                | ..                            | ..     | ..     | 338    | 5780   | 6828   |
| Other                                                  | 186                           | 276    | 359    | 370    | 340    | 467    |
| Main activity                                          | 30780                         | 35026  | 36202  | 34476  | 37458  | 35891  |
| Combustible fuels                                      | 30207                         | 34510  | 35596  | 33467  | 31061  | 28366  |
| Hydro                                                  | 396                           | 316    | 343    | 391    | 364    | 364    |
| Nuclear                                                | ..                            | ..     | ..     | 338    | 5780   | 6828   |
| Other                                                  | 177                           | 200    | 263    | 280    | 254    | 333    |
| Own use in electricity, CHP and heat plants            | 2106                          | 2220   | 2217   | 2232   | 2686   | 2627   |
| Net production                                         | 32409                         | 36766  | 38248  | 36316  | 38554  | 36773  |
| Imports                                                | 5992                          | 3257   | 3059   | 4277   | 4300   | 4000   |
| Exports                                                | 3407                          | 4248   | 5398   | 4777   | 4600   | 4700   |
| Losses                                                 | 2872                          | 2835   | 2711   | 2736   | 2848   | 2686   |
| Consumption                                            | 32122                         | 32940  | 33198  | 33080  | 35406  | 33387  |
| Energy industries own use                              | 2170                          | 2236   | 2268   | 2224   | 2398   | 2196   |
| By industry and construction                           | 12558                         | 12987  | 13184  | 12907  | 13693  | 12484  |
| By transport                                           | 1223                          | 1311   | 1228   | 1165   | 1373   | 1194   |
| By households and other cons.                          | 16171                         | 16406  | 16518  | 16784  | 17942  | 17514  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 10146                         | 10151  | 10183  | 11339  | *11342 | *11518 |
| Combustible fuels                                      | 9884                          | 9808   | 9820   | 9801   | *9800  | *9859  |
| Hydro                                                  | 98                            | 97     | 97     | 96     | *96    | *96    |
| Nuclear                                                | ..                            | ..     | ..     | 1170   | *1170  | *1170  |
| Other                                                  | 164                           | 246    | 266    | 272    | *275   | *393   |
| Main activity                                          | 9329                          | 9182   | 9206   | 10329  | *10331 | *10507 |
| Combustible fuels                                      | 9078                          | 8909   | 8923   | 8874   | *8873  | *8932  |
| Hydro                                                  | 95                            | 95     | 95     | 94     | *94    | *94    |
| Nuclear                                                | ..                            | ..     | ..     | 1170   | *1170  | *1170  |
| Other                                                  | 156                           | 178    | 188    | 191    | *193   | *311   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 0                             | 0      | 0      | 0      | 0      | 0      |
| Peat                                                   | 835                           | 783    | 1070   | 1090   | 1146   | 1086   |
| Biogas                                                 | 441                           | 450    | 416    | 2118   | 1996   | 1830   |
| Gas-diesel oil                                         | 0                             | 0      | 0      | 0      | 0      | 0      |
| Fuel oil                                               | 3241                          | 3919   | 2262   | 19756  | 19042  | 17586  |
| Refinery gas                                           | 1881                          | 1386   | 1089   | 1931   | 1955   | 1830   |
| Natural gas                                            | 438360                        | 479261 | 468069 | 422418 | 419995 | 391297 |
| Fuelwood                                               | *4624                         | *6233  | *12258 | *14911 | *15717 | *14874 |
| Industrial waste                                       | 675                           | 672    | 688    | 290    | 302    | 285    |
| Peat products                                          | 400                           | 361    | 361    | 400    | 425    | 402    |
| Others                                                 | 0                             | 0      | 0      | 0      | 0      | 0      |
| <b>Total input</b>                                     | 450457                        | 493065 | 486213 | 462913 | 460578 | 429192 |
| <b>Total production</b>                                | 122126                        | 138190 | 143122 | 134788 | 125096 | 114242 |
| <b>Estimated efficiency (% of production to input)</b> | 27                            | 28     | 29     | 29     | 27     | 27     |

## Statistics on electricity

### Belgium

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 86619                         | 75040  | 93646  | 89455  | 100465 | 95944  |
| Combustible fuels                                      | 32615                         | 33171  | 34497  | 35277  | 30667  | 30773  |
| Hydro                                                  | 1397                          | 1308   | 1181   | 1315   | 1350   | 1646   |
| Nuclear                                                | 42227                         | 28597  | 43524  | 34435  | 50326  | 43879  |
| Other                                                  | 10379                         | 11965  | 14444  | 18429  | 18122  | 19647  |
| Main activity                                          | 75142                         | 62882  | 79753  | 74336  | 84822  | 79589  |
| Combustible fuels                                      | 24995                         | 25426  | 25339  | 25824  | 21156  | 21706  |
| Hydro                                                  | 1397                          | 1308   | 1181   | 1315   | 1350   | 1646   |
| Nuclear                                                | 42227                         | 28597  | 43524  | 34435  | 50326  | 43879  |
| Other                                                  | 6523                          | 7551   | 9710   | 12763  | 11989  | 12359  |
| Own use in electricity, CHP and heat plants            | 3493                          | 2969   | 3706   | 3332   | 3840   | 3657   |
| Net production                                         | 83125                         | 72071  | 89940  | 86124  | 96625  | 92288  |
| Imports                                                | 14189                         | 21636  | 12734  | 13722  | 15194  | 16350  |
| Exports                                                | 8168                          | 4308   | 14589  | 14055  | 23070  | 23877  |
| Losses                                                 | 3895                          | 3827   | 3632   | 3498   | 3606   | 3356   |
| Consumption                                            | 85231                         | 85789  | 84680  | 81934  | 84299  | 79987  |
| Energy industries own use                              | 3119                          | 3032   | 2976   | 3051   | 2937   | 3430   |
| By industry and construction                           | 38584                         | 39010  | 38265  | 36333  | 38234  | 37253  |
| By transport                                           | 1704                          | 1748   | 1746   | 1617   | 1815   | 2133   |
| By households and other cons.                          | 41823                         | 42001  | 41693  | 40933  | 41313  | 37171  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 22099                         | 22770  | 24017  | 25820  | 26368  | 26746  |
| Combustible fuels                                      | 8364                          | 8086   | 8078   | 8085   | 7986   | 8159   |
| Hydro                                                  | 1414                          | 1415   | 1411   | 1413   | 1418   | 1430   |
| Nuclear                                                | 5918                          | 5918   | 5930   | 5942   | 5851   | 4845   |
| Other                                                  | 6403                          | 7351   | 8598   | 10380  | 11113  | 12312  |
| Main activity                                          | 17111                         | 17279  | 17641  | 18405  | 18496  | 17954  |
| Combustible fuels                                      | 7019                          | 6667   | 6463   | 6404   | 6282   | 6278   |
| Hydro                                                  | 1414                          | 1415   | 1411   | 1413   | 1418   | 1430   |
| Nuclear                                                | 5918                          | 5918   | 5930   | 5942   | 5851   | 4845   |
| Other                                                  | 2759                          | 3278   | 3838   | 4646   | 4945   | 5401   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Biogas                                                 | 5478                          | 5548   | 5613   | 5950   | 5916   | 6169   |
| Gas-diesel oil                                         | 138                           | 211    | 159    | 168    | 297    | 456    |
| Refinery gas                                           | 1104                          | 955    | 213    | 431    | 678    | 970    |
| Natural gas                                            | 167238                        | 175939 | 180407 | 189264 | 156369 | 155014 |
| Blast furnace gas                                      | 18513                         | 17943  | 19060  | 13955  | 16489  | 18425  |
| Fuelwood                                               | *32992                        | *30253 | *27873 | *29582 | *24100 | *25714 |
| Municipal waste                                        | 30085                         | 29701  | 29629  | 29408  | 31459  | 29597  |
| Industrial waste                                       | 6247                          | 6063   | 6253   | 5697   | 5619   | 4901   |
| Other recovered gases                                  | 1213                          | 1218   | 1303   | 1195   | 728    | 931    |
| Other liquid biofuels                                  | 140                           | 529    | 584    | 178    | 129    | 436    |
| Others                                                 | 730                           | 653    | 636    | 549    | 361    | 591    |
| <b>Total input</b>                                     | 263878                        | 269012 | 271730 | 276377 | 242144 | 243203 |
| <b>Total production</b>                                | 117414                        | 119414 | 124190 | 126998 | 110402 | 110781 |
| <b>Estimated efficiency (% of production to input)</b> | 44                            | 44     | 46     | 46     | 46     | 46     |

## Statistics on electricity

### Belize

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|------|------|------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |       |       |
| Total main activity and autoproducer                   | 474                           | 473  | 364  | 433  | 365   | 466   |
| Combustible fuels                                      | 204                           | 223  | 289  | 191  | 205   | 222   |
| Hydro                                                  | 271                           | 250  | 75   | 242  | 158   | 239   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..    | ..    |
| Other                                                  | 0                             | 1    | 1    | 1    | 3     | 5     |
| Main activity                                          | 313                           | 297  | 136  | 281  | 203   | 291   |
| Combustible fuels                                      | 43                            | 47   | 61   | 38   | 43    | 47    |
| Hydro                                                  | 271                           | 250  | 75   | 242  | 158   | 239   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..    | ..    |
| Other                                                  | 0                             | 1    | 1    | 1    | 3     | 5     |
| Own use in electricity, CHP and heat plants            | 24                            | 24   | 18   | 22   | 18    | 23    |
| Net production                                         | 450                           | 449  | 346  | 412  | 347   | 443   |
| Imports                                                | 230                           | 235  | 384  | 270  | 380   | 323   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..    | ..    |
| Losses                                                 | 72                            | 73   | 78   | 73   | 77    | 81    |
| Consumption                                            | 571                           | 573  | 608  | 557  | 579   | 622   |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..    | ..    |
| By industry and construction                           | 39                            | 40   | 42   | 38   | 40    | 43    |
| By transport                                           | ..                            | ..   | ..   | ..   | ..    | ..    |
| By households and other cons.                          | 531                           | 533  | 566  | 519  | 539   | 579   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |       |       |
| Total main activity and autoproducer                   | 120                           | 120  | 136  | 131  | 135   | 135   |
| Combustible fuels                                      | 68                            | 68   | 81   | 76   | 76    | 76    |
| Hydro                                                  | 51                            | 51   | 55   | 55   | 55    | 55    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..    | ..    |
| Other                                                  | 0                             | 0    | 1    | 1    | 4     | 4     |
| Main activity                                          | 98                            | 98   | 110  | 110  | 113   | 113   |
| Combustible fuels                                      | 47                            | 47   | 55   | 54   | 54    | 54    |
| Hydro                                                  | 51                            | 51   | 55   | 55   | 55    | 55    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..    | ..    |
| Other                                                  | 0                             | 0    | 1    | 1    | 4     | 4     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |       |       |
| Crude oil                                              | 40                            | 49   | 43   | 90   | *148  | 161   |
| Gas-diesel oil                                         | 8                             | 6    | 7    | 34   | 131   | 245   |
| Fuel oil                                               | 256                           | 358  | 881  | 119  | 393   | 155   |
| Liquefied petroleum gas                                | ..                            | ..   | ..   | 16   | ..    | ..    |
| Natural gas                                            | 38                            | 18   | 6    | 7    | ..    | ..    |
| Bagasse                                                | 1841                          | 2350 | 2596 | 2427 | *2730 | *2813 |
| <b>Total input</b>                                     | 2182                          | 2781 | 3533 | 2693 | *3402 | *3374 |
| <b>Total production</b>                                | 733                           | 802  | 1039 | 686  | 737   | 798   |
| <b>Estimated efficiency (% of production to input)</b> | 34                            | 29   | 29   | 25   | 22    | 24    |

# Statistics on electricity

## Benin

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 331                           | 202  | 529  | 989  | 1127 | 1002 |
| Combustible fuels                                      | 325                           | 197  | 521  | 982  | 1110 | 968  |
| Hydro                                                  | 1                             | 0    | 0    | 0    | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 5                             | 5    | 8    | 7    | 17   | 33   |
| Main activity                                          | 233                           | 88   | 366  | 823  | 932  | 786  |
| Combustible fuels                                      | 226                           | 83   | 359  | 817  | 917  | 755  |
| Hydro                                                  | 1                             | 0    | 0    | 0    | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 5                             | 5    | 6    | 6    | 15   | 31   |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0    |
| Net production                                         | 331                           | 202  | 529  | 989  | 1127 | 1002 |
| Imports                                                | 1008                          | 1195 | 974  | 574  | 694  | 834  |
| Exports                                                | ..                            | ..   | 2    | 2    | 2    | 2    |
| Losses                                                 | 297                           | 295  | 363  | 346  | 299  | 385  |
| Consumption                                            | 1139                          | 1183 | 1256 | 1205 | 1503 | 1481 |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | 95   | 0    |
| By industry and construction                           | 256                           | 288  | 279  | 295  | 340  | 360  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | 0    |
| By households and other cons.                          | 884                           | 895  | 977  | 909  | 1068 | 1121 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | *383                          | *383 | *512 | *512 | *512 | *538 |
| Combustible fuels                                      | *312                          | *312 | *439 | *439 | *439 | *439 |
| Hydro                                                  | *66                           | *66  | *66  | *66  | *66  | *66  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 5                             | 5    | 7    | 7    | 7    | 33   |
| Main activity                                          | *338                          | *338 | *465 | *465 | *465 | *486 |
| Combustible fuels                                      | *267                          | *267 | *394 | *394 | *394 | *394 |
| Hydro                                                  | *66                           | *66  | *66  | *66  | *66  | *66  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 5                             | 5    | 5    | 5    | 5    | 26   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 1024                          | 876  | 1087 | 826  | 949  | 1532 |
| Fuel oil                                               | 648                           | 828  | 1025 | 1447 | 1171 | 1073 |
| Natural gas                                            | 2224                          | 727  | 2194 | 6457 | 7167 | 6199 |
| <b>Total input</b>                                     | 3896                          | 2431 | 4306 | 8730 | 9287 | 8804 |
| <b>Total production</b>                                | 1168                          | 708  | 1876 | 3534 | 3997 | 3486 |
| <b>Estimated efficiency (% of production to input)</b> | 30                            | 29   | 44   | 40   | 43   | 40   |

# Statistics on electricity

## Bermuda

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 676                           | 644   | 613   | *590  | *595  | *601  |
| Combustible fuels                                      | 675                           | 642   | 611   | *588  | *593  | *598  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | *1                            | *2    | *2    | *2    | *2    | *2    |
| Main activity                                          | 662                           | 629   | 598   | *575  | *580  | *585  |
| Combustible fuels                                      | 662                           | 629   | 598   | *575  | *580  | *585  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Own use in electricity, CHP and heat plants            | 45                            | 39    | *16   | *32   | *32   | *33   |
| Net production                                         | 631                           | 605   | 597   | *558  | *563  | *568  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *45                           | *38   | *41   | *40   | *40   | *41   |
| Consumption                                            | 585                           | 568   | 554   | 518   | 523   | *527  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 585                           | 568   | 554   | 518   | 523   | *527  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *174                          | *176  | *176  | *177  | *177  | *177  |
| Combustible fuels                                      | *171                          | *172  | *172  | *173  | *173  | *173  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | *3                            | 4     | 4     | *4    | *4    | *4    |
| Main activity                                          | *167                          | *167  | *167  | *167  | *167  | *167  |
| Combustible fuels                                      | *167                          | *167  | *167  | *167  | *167  | *167  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *903                          | *912  | *636  | *205  | *111  | *129  |
| Fuel oil                                               | *4464                         | *4949 | *4452 | *3575 | *4705 | *4795 |
| Municipal waste                                        | *590                          | *600  | *600  | *600  | *600  | *600  |
| <b>Total input</b>                                     | *5957                         | *6461 | *5688 | *4381 | *5416 | *5524 |
| <b>Total production</b>                                | 2431                          | 2313  | 2200  | *2117 | *2133 | *2154 |
| <b>Estimated efficiency (% of production to input)</b> | 41                            | 36    | 39    | 48    | 39    | 39    |



# Statistics on electricity

## Bhutan

| Item                                                   | 2017                          | 2018 | 2019 | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|------|------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |       |       |       |
| Total main activity and autoproducer                   | 7730                          | 6960 | 8858 | 11371 | 11371 | 10961 |
| Combustible fuels                                      | 0                             | 0    | 0    | 0     | 0     | 0     |
| Hydro                                                  | 7728                          | 6959 | 8857 | 11370 | 11370 | 10960 |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 1                             | 2    | 2    | 2     | 1     | 1     |
| Main activity                                          | 7730                          | 6960 | 8858 | 11371 | 11371 | 10961 |
| Combustible fuels                                      | 0                             | 0    | 0    | 0     | 0     | 0     |
| Hydro                                                  | 7728                          | 6959 | 8857 | 11370 | 11370 | 10960 |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 1                             | 2    | 2    | 2     | 1     | 1     |
| Own use in electricity, CHP and heat plants            | 108                           | 100  | 112  | 100   | 121   | 148   |
| Net production                                         | 7622                          | 6860 | 8746 | 11271 | 11250 | 10812 |
| Imports                                                | 92                            | 134  | 96   | 82    | 98    | 204   |
| Exports                                                | 5701                          | 4581 | 6147 | 9260  | 8076  | 7240  |
| Losses                                                 | 269                           | 162  | 144  | 140   | 147   | 150   |
| Consumption                                            | 2186                          | 2186 | 2279 | 1961  | 2455  | 2467  |
| Energy industries own use                              | ..                            | ..   | ..   | ..    | ..    | ..    |
| By industry and construction                           | 1599                          | 1815 | 1745 | 1338  | 1805  | 1815  |
| By transport                                           | ..                            | ..   | ..   | ..    | ..    | ..    |
| By households and other cons.                          | 587                           | 371  | 534  | 623   | 650   | 652   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |       |       |       |
| Total main activity and autoproducer                   | 1623                          | 1623 | 2342 | 2343  | 2335  | 2335  |
| Combustible fuels                                      | 8                             | 8    | 7    | 8     | 8     | 8     |
| Hydro                                                  | 1614                          | 1614 | 2334 | 2334  | 2326  | 2326  |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 1                             | 1    | 1    | 1     | 1     | 1     |
| Main activity                                          | 1623                          | 1623 | 2342 | 2343  | 2335  | 2335  |
| Combustible fuels                                      | 8                             | 8    | 7    | 8     | 8     | 8     |
| Hydro                                                  | 1614                          | 1614 | 2334 | 2334  | 2326  | 2326  |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 1                             | 1    | 1    | 1     | 1     | 1     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |       |       |       |
| Gas-diesel oil                                         | *3                            | 0    | 0    | 0     | 0     | 0     |
| <b>Total input</b>                                     | *3                            | 0    | 0    | 0     | 0     | 0     |
| <b>Total production</b>                                | 1                             | 0    | 0    | 0     | 0     | 0     |
| <b>Estimated efficiency (% of production to input)</b> | 32                            | 33   | ..   | 32    | 32    | 30    |

## Statistics on electricity

### Bolivia (Plur. State of)

| Item                                                   | 2017                          | 2018  | 2019   | 2020  | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|-------|--------|-------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |        |       |        |        |
| Total main activity and autoproducer                   | 9617                          | 9988  | 10259  | 9978  | 10879  | 11408  |
| Combustible fuels                                      | 7317                          | 7190  | 6749   | 6640  | 7172   | 7767   |
| Hydro                                                  | 2234                          | 2612  | 3251   | 2942  | 3237   | 2852   |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Other                                                  | 66                            | 186   | 258    | 397   | 470    | 790    |
| Main activity                                          | 9265                          | 9587  | 9830   | 9480  | 10217  | 10700  |
| Combustible fuels                                      | 6969                          | 6795  | 6327   | 6144  | 6514   | 7063   |
| Hydro                                                  | 2230                          | 2606  | 3245   | 2939  | 3233   | 2848   |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Other                                                  | 66                            | 186   | 258    | 397   | 470    | 790    |
| Own use in electricity, CHP and heat plants            | 496                           | 386   | 389    | 458   | 525    | 621    |
| Net production                                         | 9120                          | 9603  | 9870   | 9521  | 10354  | 10787  |
| Imports                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Exports                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Losses                                                 | 855                           | 883   | 895    | 883   | 929    | 1031   |
| Consumption                                            | 8374                          | 8450  | 8680   | 8365  | 9011   | 9505   |
| Energy industries own use                              | ..                            | ..    | ..     | ..    | ..     | ..     |
| By industry and construction                           | 2152                          | 2071  | 2154   | 1856  | 2198   | 2295   |
| By transport                                           | 13                            | 22    | 30     | 18    | 25     | 25     |
| By households and other cons.                          | 6209                          | 6357  | 6496   | 6492  | 6789   | 7185   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |        |       |        |        |
| Total main activity and autoproducer                   | 2585                          | 2771  | 3704   | 3713  | 4137   | 4223   |
| Combustible fuels                                      | 1928                          | 1983  | 2797   | 2805  | 3076   | 3156   |
| Hydro                                                  | 619                           | 690   | 759    | 759   | 760    | 759    |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Other                                                  | 38                            | 98    | 148    | 149   | 301    | 307    |
| Main activity                                          | 2298                          | 2442  | 3375   | 3384  | 3984   | 4004   |
| Combustible fuels                                      | 1642                          | 1656  | 2470   | 2477  | 2924   | 2939   |
| Hydro                                                  | 618                           | 689   | 758    | 758   | 759    | 758    |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Other                                                  | 38                            | 98    | 148    | 149   | 301    | 307    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |        |       |        |        |
| Gas-diesel oil                                         | 2675                          | 2838  | 2944   | 2805  | 2628   | 2414   |
| Natural gas                                            | 81528                         | 74935 | 67254  | 58735 | 60203  | 62691  |
| Bagasse                                                | *4105                         | *4911 | *10879 | *7978 | *16235 | *12362 |
| <b>Total input</b>                                     | 88308                         | 82684 | 81078  | 69519 | 79066  | 77467  |
| <b>Total production</b>                                | 26341                         | 25883 | 24297  | 23903 | 25821  | 27960  |
| <b>Estimated efficiency (% of production to input)</b> | 30                            | 31    | 30     | 34    | 33     | 36     |

# Statistics on electricity

## Bonaire, St Eustatius, Saba

| Item                                                   | 2017                          | 2018 | 2019 | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|------|------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |       |       |       |
| Total main activity and autoproducer                   | 137                           | 137  | 145  | 145   | 156   | *163  |
| Combustible fuels                                      | 101                           | 91   | 104  | 112   | 119   | *126  |
| Hydro                                                  | ..                            | ..   | ..   | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 35                            | 45   | 41   | 33    | *38   | *37   |
| Main activity                                          | 137                           | 137  | 145  | 145   | 156   | *163  |
| Combustible fuels                                      | 101                           | 91   | 104  | 112   | 119   | *126  |
| Hydro                                                  | ..                            | ..   | ..   | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 35                            | 45   | 41   | 33    | *38   | *37   |
| Own use in electricity, CHP and heat plants            | 12                            | *11  | *12  | *12   | *12   | *13   |
| Net production                                         | 125                           | 125  | 132  | 133   | 144   | *150  |
| Imports                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Exports                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Losses                                                 | *21                           | *20  | *22  | *22   | *23   | *25   |
| Consumption                                            | *104                          | *105 | *110 | *111  | *121  | *125  |
| Energy industries own use                              | ..                            | ..   | ..   | ..    | ..    | ..    |
| By industry and construction                           | *53                           | *54  | *58  | *57   | *62   | *63   |
| By transport                                           | ..                            | ..   | ..   | ..    | ..    | ..    |
| By households and other cons.                          | *51                           | *51  | *53  | *54   | *59   | *62   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |       |       |       |
| Total main activity and autoproducer                   | *36                           | *36  | *38  | *38   | *38   | *39   |
| Combustible fuels                                      | *20                           | *19  | *20  | *20   | *20   | *21   |
| Hydro                                                  | ..                            | ..   | ..   | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 16                            | 17   | 18   | 18    | 18    | 18    |
| Main activity                                          | *36                           | *36  | *38  | *38   | *38   | *39   |
| Combustible fuels                                      | *20                           | *19  | *20  | *20   | *20   | *21   |
| Hydro                                                  | ..                            | ..   | ..   | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 16                            | 17   | 18   | 18    | 18    | 18    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |       |       |       |
| Fuel oil                                               | *912                          | *823 | *933 | *1010 | *1067 | *1131 |
| <b>Total input</b>                                     | *912                          | *823 | *933 | *1010 | *1067 | *1131 |
| <b>Total production</b>                                | 365                           | 329  | 373  | 404   | 427   | *452  |
| <b>Estimated efficiency (% of production to input)</b> | 40                            | 40   | 40   | 40    | 40    | 40    |

## Statistics on electricity

### Bosnia and Herzegovina

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 16439                         | 19160  | 17493  | 16874  | 18536  | 16384  |
| Combustible fuels                                      | 12431                         | 12517  | 11037  | 11904  | 11286  | 11140  |
| Hydro                                                  | 3987                          | 6519   | 6172   | 4663   | 6796   | 4739   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 21                            | 124    | 284    | 307    | 454    | 505    |
| Main activity                                          | 15998                         | 18722  | 17081  | 16527  | 18122  | 15950  |
| Combustible fuels                                      | 11990                         | 12079  | 10625  | 11557  | 10872  | 10706  |
| Hydro                                                  | 3987                          | 6519   | 6172   | 4663   | 6796   | 4739   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 21                            | 124    | 284    | 307    | 454    | 505    |
| Own use in electricity, CHP and heat plants            | 1200                          | 1248   | 1099   | 1240   | 1156   | 1166   |
| Net production                                         | 15239                         | 17912  | 16394  | 15634  | 17380  | 15218  |
| Imports                                                | 3346                          | 3092   | 2825   | 3266   | 3259   | 3828   |
| Exports                                                | 5187                          | 7698   | 6565   | 7317   | 8014   | 6856   |
| Losses                                                 | 1347                          | 1349   | 1257   | 1230   | 1334   | 1264   |
| Consumption                                            | 12038                         | 11957  | 11397  | 10353  | 11292  | 10926  |
| Energy industries own use                              | 640                           | 501    | 404    | 417    | 462    | 308    |
| By industry and construction                           | 4344                          | 4367   | 3690   | 2602   | 3147   | 2846   |
| By transport                                           | 76                            | 59     | 59     | 59     | 55     | 63     |
| By households and other cons.                          | 6978                          | 7030   | 7244   | 7275   | 7628   | 7709   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 4522                          | 4440   | 4485   | 4507   | 4594   | 4641   |
| Combustible fuels                                      | 2295                          | 2135   | 2137   | 2136   | 2146   | 2146   |
| Hydro                                                  | 2211                          | 2236   | 2239   | 2249   | 2257   | 2258   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 16                            | 69     | 109    | 122    | 191    | 237    |
| Main activity                                          | 4292                          | 4370   | 4414   | 4437   | 4516   | 4563   |
| Combustible fuels                                      | 2065                          | 2065   | 2066   | 2066   | 2068   | 2068   |
| Hydro                                                  | 2211                          | 2236   | 2239   | 2249   | 2257   | 2258   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 16                            | 69     | 109    | 122    | 191    | 237    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Brown Coal                                             | 140569                        | 139342 | 127268 | 133099 | 125802 | 127096 |
| Biogas                                                 | 63                            | 97     | 67     | 104    | 49     | 45     |
| Fuel oil                                               | 646                           | 444    | 485    | 466    | 350    | 465    |
| Natural gas                                            | 297                           | 289    | 269    | 62     | 106    | 147    |
| Coke-oven gas                                          | ..                            | ..     | ..     | 1159   | 1205   | 1178   |
| Blast furnace gas                                      | ..                            | ..     | ..     | 406    | 469    | 550    |
| Fuelwood                                               | 196                           | 198    | 183    | 219    | 795    | 594    |
| <b>Total input</b>                                     | 141771                        | 140370 | 128271 | 135515 | 128776 | 130075 |
| <b>Total production</b>                                | 44752                         | 45061  | 39733  | 42854  | 40630  | 40104  |
| <b>Estimated efficiency (% of production to input)</b> | 32                            | 32     | 31     | 32     | 32     | 31     |

# Statistics on electricity

## Botswana

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 3022                          | 3105  | 3277  | 2182  | 2409  | 2550  |
| Combustible fuels                                      | 3020                          | 3100  | 3272  | 2176  | 2403  | 2542  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 2                             | 5     | 5     | 6     | 6     | 8     |
| Main activity                                          | 3022                          | 3105  | 3277  | 2182  | 2409  | 2550  |
| Combustible fuels                                      | 3020                          | 3100  | 3272  | 2176  | 2403  | 2542  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 2                             | 5     | 5     | 6     | 6     | 8     |
| Own use in electricity, CHP and heat plants            | 440                           | 375   | 453   | 271   | 297   | 326   |
| Net production                                         | 2582                          | 2730  | 2824  | 1911  | 2112  | 2224  |
| Imports                                                | 1288                          | 1189  | 1101  | 2087  | 1662  | 1798  |
| Exports                                                | ..                            | ..    | 86    | 42    | 2     | 15    |
| Losses                                                 | 576                           | 410   | 632   | 676   | 573   | 617   |
| Consumption                                            | 3280                          | 3209  | 3778  | 3861  | 3762  | 3947  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 1090                          | 933   | 923   | 897   | 843   | 996   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 2190                          | 2276  | 2855  | 2964  | 2919  | 2951  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 755                           | 756   | 758   | 758   | 758   | 759   |
| Combustible fuels                                      | 752                           | 752   | 752   | 752   | 752   | 752   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 3                             | 4     | 6     | 6     | 6     | 7     |
| Main activity                                          | 735                           | 736   | 738   | 738   | 738   | 739   |
| Combustible fuels                                      | 732                           | 732   | 732   | 732   | 732   | 732   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 3                             | 4     | 6     | 6     | 6     | 7     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Hard Coal                                              | 45212                         | 33673 | 42991 | 30557 | 34358 | 43126 |
| Gas-diesel oil                                         | 111                           | 72    | 645   | 772   | 1344  | *1303 |
| <b>Total input</b>                                     | 45323                         | 33744 | 43636 | 31329 | 35703 | 44429 |
| <b>Total production</b>                                | 10872                         | 11159 | 11779 | 7834  | 8651  | 9151  |
| <b>Estimated efficiency (% of production to input)</b> | 24                            | 33    | 27    | 25    | 24    | 21    |

# Statistics on electricity

## Brazil

| Item                                                   | 2017                          | 2018    | 2019    | 2020    | 2021    | 2022    |
|--------------------------------------------------------|-------------------------------|---------|---------|---------|---------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |         |         |         |         |
| Total main activity and autoproducer                   | 589326                        | 601396  | 626329  | 621198  | 656109  | 677372  |
| Combustible fuels                                      | 159476                        | 144815  | 149682  | 143017  | 189301  | 123467  |
| Hydro                                                  | 370906                        | 388971  | 397877  | 396328  | 362818  | 427114  |
| Nuclear                                                | 15739                         | 15674   | 16129   | 14053   | 14705   | 14559   |
| Other                                                  | 43205                         | 51936   | 62641   | 67800   | 89285   | 112232  |
| Main activity                                          | 491147                        | 500232  | 523944  | 514747  | 542141  | 551753  |
| Combustible fuels                                      | 80093                         | 63542   | 68433   | 59141   | 100737  | 36348   |
| Hydro                                                  | 352313                        | 369641  | 378450  | 378583  | 346816  | 406653  |
| Nuclear                                                | 15739                         | 15674   | 16129   | 14053   | 14705   | 14559   |
| Other                                                  | 43002                         | 51375   | 60932   | 62970   | 79883   | 94194   |
| Own use in electricity, CHP and heat plants            | 7765                          | 7820    | 7624    | 6474    | 8266    | 5789    |
| Net production                                         | 581561                        | 593576  | 618705  | 614724  | 647843  | 671583  |
| Imports                                                | 36511                         | 34980   | 25156   | 25113   | 23147   | 17887   |
| Exports                                                | 156                           | 1       | 199     | 395     | 44      | 4979    |
| Losses                                                 | 97619                         | 97973   | 105647  | 105727  | 108403  | 103995  |
| Consumption                                            | 520295                        | 530581  | 538014  | 533716  | 562543  | 580297  |
| Energy industries own use                              | 21875                         | 23642   | 25140   | 25168   | 29958   | 29355   |
| By industry and construction                           | 199682                        | 200760  | 195866  | 197545  | 213329  | 218743  |
| By transport                                           | 2055                          | 1968    | 2251    | 2014    | 2636    | 2636    |
| By households and other cons.                          | 296683                        | 304211  | 314757  | 308989  | 316620  | 329562  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |         |         |         |         |
| Total main activity and autoproducer                   | 157579                        | 163509  | 172280  | 179517  | 190637  | 206452  |
| Combustible fuels                                      | 41881                         | 40561   | 41281   | 43153   | 44981   | 46441   |
| Hydro                                                  | 100319                        | 104198  | 109155  | 109294  | 109477  | 109807  |
| Nuclear                                                | 1990                          | 1990    | 1990    | 1990    | 1990    | 1990    |
| Other                                                  | 13389                         | 16760   | 19854   | 25080   | 34189   | 48214   |
| Main activity                                          | 132638                        | 138011  | 145798  | 149530  | 155755  | 162539  |
| Combustible fuels                                      | 22130                         | 20636   | 21152   | 22870   | 24109   | 24898   |
| Hydro                                                  | 95300                         | 99137   | 104087  | 104136  | 104317  | 104717  |
| Nuclear                                                | 1990                          | 1990    | 1990    | 1990    | 1990    | 1990    |
| Other                                                  | 13218                         | 16248   | 18569   | 20534   | 25339   | 30934   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |         |         |         |         |
| Hard Coal                                              | 205225                        | 182108  | 197693  | 164606  | 244598  | 140826  |
| Biogas                                                 | 7993                          | 8532    | 11245   | 13011   | 26531   | 26092   |
| Gas-diesel oil                                         | 44634                         | 52288   | 61533   | 60243   | 82832   | 61503   |
| Refinery gas                                           | 19153                         | 20316   | 23746   | 20831   | 25448   | 23244   |
| Natural gas                                            | 577284                        | 481645  | 542964  | 475956  | 815477  | 437596  |
| Coke-oven gas                                          | 16320                         | 15411   | 14922   | 14292   | 16833   | 15316   |
| Blast furnace gas                                      | ..                            | ..      | ..      | ..      | ..      | 43397   |
| Fuelwood                                               | 15466                         | 17037   | 16425   | 17046   | 17494   | 17886   |
| Bagasse                                                | 222813                        | 220118  | 226064  | 238026  | 209477  | 196805  |
| Vegetal waste                                          | 327563                        | 368888  | 130580  | 144180  | 206661  | 156434  |
| Others                                                 | 75700                         | 51144   | 31915   | 31668   | 91290   | 31738   |
| <b>Total input</b>                                     | 1512150                       | 1417486 | 1257087 | 1179859 | 1736641 | 1150837 |
| <b>Total production</b>                                | 574114                        | 521334  | 538855  | 514861  | 681484  | 444481  |
| <b>Estimated efficiency (% of production to input)</b> | 38                            | 37      | 43      | 44      | 39      | 39      |

## Statistics on electricity

### British Virgin Islands

| Item                                                   | 2017                          | 2018 | 2019 | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|------|------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |       |       |       |
| Total main activity and autoproducer                   | 176                           | 161  | 201  | *205  | *209  | *212  |
| Combustible fuels                                      | 173                           | 159  | 198  | *201  | *205  | *209  |
| Hydro                                                  | ..                            | ..   | ..   | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 3                             | 3    | 3    | 3     | 4     | 4     |
| Main activity                                          | 176                           | 161  | 201  | *205  | *209  | *212  |
| Combustible fuels                                      | 173                           | 159  | 198  | *201  | *205  | *209  |
| Hydro                                                  | ..                            | ..   | ..   | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 3                             | 3    | 3    | 3     | 4     | 4     |
| Own use in electricity, CHP and heat plants            | 21                            | 17   | 33   | *26   | *26   | *25   |
| Net production                                         | 155                           | 145  | 167  | *179  | *182  | *188  |
| Imports                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Exports                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Losses                                                 | 7                             | 8    | 2    | *11   | *11   | *13   |
| Consumption                                            | 149                           | 137  | 166  | *168  | *172  | *175  |
| Energy industries own use                              | ..                            | ..   | ..   | ..    | ..    | ..    |
| By industry and construction                           | 5                             | 3    | 5    | *5    | *6    | *6    |
| By transport                                           | ..                            | ..   | ..   | ..    | ..    | ..    |
| By households and other cons.                          | 144                           | 134  | 160  | *163  | *166  | *169  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |       |       |       |
| Total main activity and autoproducer                   | 61                            | 60   | 61   | 65    | 65    | 65    |
| Combustible fuels                                      | 60                            | 59   | 59   | 63    | 63    | 63    |
| Hydro                                                  | ..                            | ..   | ..   | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 1                             | 1    | 2    | 2     | 2     | 2     |
| Main activity                                          | 61                            | 60   | 61   | 65    | 65    | 65    |
| Combustible fuels                                      | 60                            | 59   | 59   | 63    | 63    | 63    |
| Hydro                                                  | ..                            | ..   | ..   | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..    | ..    | ..    |
| Other                                                  | 1                             | 1    | 2    | 2     | 2     | 2     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |       |       |       |
| Gas-diesel oil                                         | 1604                          | 1368 | 1660 | *1681 | *1711 | *1742 |
| <b>Total input</b>                                     | 1604                          | 1368 | 1660 | *1681 | *1711 | *1742 |
| <b>Total production</b>                                | 624                           | 571  | 714  | *724  | *737  | *751  |
| <b>Estimated efficiency (% of production to input)</b> | 39                            | 42   | 43   | 43    | 43    | 43    |

## Statistics on electricity

### Brunei Darussalam

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 4157                          | 4294  | 4933  | 5736  | 5700  | 5602  |
| Combustible fuels                                      | 4155                          | 4292  | 4931  | 5734  | 5695  | 5597  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 2                             | 2     | 2     | 2     | 4     | 5     |
| Main activity                                          | 3724                          | 3853  | 4021  | 4074  | 4048  | 4008  |
| Combustible fuels                                      | 3722                          | 3852  | 4019  | 4073  | 4047  | 4007  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 2                             | 2     | 2     | 2     | 1     | 1     |
| Own use in electricity, CHP and heat plants            | 136                           | 129   | 133   | 135   | 125   | 120   |
| Net production                                         | 4021                          | 4165  | 4799  | 5601  | 5575  | 5482  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | 481                           | 481   | 497   | 439   | 513   | 504   |
| Consumption                                            | 3538                          | 3684  | 4304  | 5129  | 5176  | 4908  |
| Energy industries own use                              | 426                           | 400   | 398   | 398   | 379   | 355   |
| By industry and construction                           | 134                           | 190   | 709   | 1356  | 1390  | 1380  |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 2978                          | 3094  | 3197  | 3376  | 3406  | 3173  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 993                           | 993   | 1109  | *1127 | 1138  | 1138  |
| Combustible fuels                                      | 992                           | 992   | 1108  | *1126 | 1133  | 1133  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 1     | 1     | 1     | *5    | *5    |
| Main activity                                          | 876                           | 876   | 875   | *893  | 900   | 900   |
| Combustible fuels                                      | 875                           | 875   | 874   | *892  | 899   | 899   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 1     | 1     | 1     | 1     | 1     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Brown Coal                                             | ..                            | ..    | 6426  | 12710 | 16485 | 16031 |
| Gas-diesel oil                                         | 559                           | 559   | 584   | 470   | 374   | 449   |
| Natural gas                                            | 51660                         | 54943 | 53240 | 55325 | 56655 | 52166 |
| <b>Total input</b>                                     | 52219                         | 55502 | 60251 | 68505 | 73514 | 68645 |
| <b>Total production</b>                                | 14958                         | 15451 | 17752 | 20644 | 20503 | 20150 |
| <b>Estimated efficiency (% of production to input)</b> | 29                            | 28    | 29    | 30    | 28    | 29    |



## Statistics on electricity

### Bulgaria

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 45613                         | 46838  | 44277  | 40754  | 47568  | 50499  |
| Combustible fuels                                      | 23633                         | 22606  | 21573  | 17827  | 23079  | 26583  |
| Hydro                                                  | 3493                          | 5423   | 3383   | 3320   | 5067   | 3833   |
| Nuclear                                                | 15545                         | 16125  | 16555  | 16626  | 16487  | 16462  |
| Other                                                  | 2941                          | 2683   | 2765   | 2981   | 2935   | 3621   |
| Main activity                                          | 44925                         | 46130  | 43555  | 40017  | 46642  | 49592  |
| Combustible fuels                                      | 22980                         | 21921  | 20883  | 17125  | 22188  | 25790  |
| Hydro                                                  | 3493                          | 5423   | 3383   | 3320   | 5067   | 3833   |
| Nuclear                                                | 15545                         | 16125  | 16555  | 16626  | 16487  | 16462  |
| Other                                                  | 2907                          | 2661   | 2734   | 2946   | 2900   | 3506   |
| Own use in electricity, CHP and heat plants            | 4261                          | 4123   | 3956   | 3532   | 4110   | 4539   |
| Net production                                         | 41352                         | 42714  | 40321  | 37223  | 43458  | 45960  |
| Imports                                                | 3705                          | 2223   | 3045   | 3707   | 1857   | 1470   |
| Exports                                                | 9186                          | 10030  | 8855   | 7115   | 10635  | 13665  |
| Losses                                                 | 3476                          | 3102   | 2767   | 2595   | 2602   | 2511   |
| Consumption                                            | 32349                         | 31749  | 32346  | 30545  | 32466  | 32077  |
| Energy industries own use                              | 2440                          | 1826   | 2131   | 1935   | 1496   | 1358   |
| By industry and construction                           | 9737                          | 9872   | 9830   | 9457   | 9693   | 9608   |
| By transport                                           | 378                           | 353    | 456    | 423    | 450    | 454    |
| By households and other cons.                          | 19794                         | 19698  | 19929  | 18730  | 20826  | 20657  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 11064                         | 11530  | 11429  | 11195  | 11411  | 12063  |
| Combustible fuels                                      | 3785                          | 4220   | 4097   | 3806   | 3854   | 4025   |
| Hydro                                                  | 3372                          | 3379   | 3378   | 3376   | 3369   | 3390   |
| Nuclear                                                | 1967                          | 2008   | 2006   | 2006   | 2006   | 2006   |
| Other                                                  | 1940                          | 1923   | 1948   | 2006   | 2182   | 2642   |
| Main activity                                          | 10619                         | 11105  | 11068  | 10836  | 11037  | 11576  |
| Combustible fuels                                      | 3551                          | 3986   | 3936   | 3651   | 3683   | 3812   |
| Hydro                                                  | 3372                          | 3379   | 3378   | 3376   | 3369   | 3390   |
| Nuclear                                                | 1967                          | 2008   | 2006   | 2006   | 2006   | 2006   |
| Other                                                  | 1729                          | 1732   | 1748   | 1803   | 1979   | 2369   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 9340                          | 4152   | 3799   | 3464   | 4485   | 4679   |
| Brown Coal                                             | 216370                        | 194454 | 180328 | 139924 | 174798 | 225534 |
| Lignite briquettes                                     | 13244                         | 9541   | 7629   | 6731   | 8816   | 7397   |
| Biogas                                                 | 1631                          | 1875   | 1824   | 1950   | 2066   | 1683   |
| Gas-diesel oil                                         | 92                            | 74     | 52     | 1      | 3      | 2      |
| Fuel oil                                               | 778                           | 687    | 460    | 260    | 697    | 1369   |
| Refinery gas                                           | 956                           | 410    | 899    | 832    | 788    | 1202   |
| Petroleum coke                                         | 5139                          | 1645   | 1442   | 1288   | 1444   | 1261   |
| Natural gas                                            | 27602                         | 28601  | 30448  | 31440  | 41409  | 28802  |
| Fuelwood                                               | *1668                         | *16297 | *20717 | *18472 | *29844 | *24449 |
| Others                                                 | 0                             | 1107   | 945    | 282    | 0      | 0      |
| <b>Total input</b>                                     | 276820                        | 258843 | 248543 | 204644 | 264348 | 296379 |
| <b>Total production</b>                                | 85080                         | 81383  | 77664  | 64177  | 83083  | 95700  |
| <b>Estimated efficiency (% of production to input)</b> | 31                            | 31     | 31     | 31     | 31     | 32     |

# Statistics on electricity

## Burkina Faso

| Item                                                   | 2017                          | 2018  | 2019  | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|-------|-------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |        |        |        |
| Total main activity and autoproducer                   | *1729                         | 1746  | *1576 | *1442  | *1672  | *1532  |
| Combustible fuels                                      | *1589                         | 1561  | *1388 | *1273  | *1486  | *1386  |
| Hydro                                                  | 128                           | 129   | 105   | 112    | 128    | 82     |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..     | ..     |
| Other                                                  | 11                            | 56    | 82    | 57     | 58     | 64     |
| Main activity                                          | *1073                         | 1206  | 776   | 572    | 872    | 712    |
| Combustible fuels                                      | *933                          | 1021  | 588   | 403    | 686    | 566    |
| Hydro                                                  | 128                           | 129   | 105   | 112    | 128    | 82     |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..     | ..     |
| Other                                                  | 11                            | 56    | 82    | 57     | 58     | 64     |
| Own use in electricity, CHP and heat plants            | 42                            | 57    | 49    | 47     | 43     | *46    |
| Net production                                         | *1686                         | 1689  | *1527 | *1395  | *1629  | *1486  |
| Imports                                                | 645                           | 837   | 1087  | 1486   | 1381   | 1492   |
| Exports                                                | ..                            | ..    | ..    | ..     | ..     | ..     |
| Losses                                                 | 237                           | 235   | 68    | *268   | *280   | *283   |
| Consumption                                            | 2056                          | 2222  | 2474  | *2556  | *2668  | *2695  |
| Energy industries own use                              | ..                            | ..    | ..    | ..     | ..     | 0      |
| By industry and construction                           | 1049                          | 1134  | 1283  | *1355  | *1433  | *1447  |
| By transport                                           | ..                            | ..    | ..    | ..     | ..     | 0      |
| By households and other cons.                          | 1007                          | 1087  | 1191  | *1202  | *1235  | *1248  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |        |        |        |
| Total main activity and autoproducer                   | 495                           | 519   | 554   | 593    | 620    | 630    |
| Combustible fuels                                      | 459                           | 463   | 467   | 505    | 532    | 534    |
| Hydro                                                  | 32                            | 32    | 32    | 32     | 32     | 32     |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..     | ..     |
| Other                                                  | *4                            | *24   | 55    | 55     | 56     | 64     |
| Main activity                                          | 329                           | 349   | 382   | 438    | 439    | 446    |
| Combustible fuels                                      | 293                           | 293   | 295   | 351    | 351    | 350    |
| Hydro                                                  | 32                            | 32    | 32    | 32     | 32     | 32     |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..     | ..     |
| Other                                                  | *4                            | *24   | 55    | 55     | 56     | 64     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |        |        |        |
| Biogas                                                 | *36                           | *36   | *36   | *36    | *36    | *36    |
| Gas-diesel oil                                         | 1204                          | 1075  | 1763  | 1711   | 1797   | 1815   |
| Fuel oil                                               | 11595                         | 11150 | 7636  | *7405  | *8888  | *9066  |
| Other oil products                                     | 925                           | 925   | 2171  | 2211   | *2251  | *2251  |
| Municipal waste                                        | 32                            | 2095  | 1393  | *1407  | *1428  | *1440  |
| <b>Total input</b>                                     | 13792                         | 15281 | 12999 | *12771 | *14401 | *14607 |
| <b>Total production</b>                                | *5722                         | 5619  | *4997 | *4581  | *5351  | *4988  |
| <b>Estimated efficiency (% of production to input)</b> | 41                            | 37    | 38    | 36     | 37     | 34     |

## Statistics on electricity

### Burundi

| Item                                                   | 2017                          | 2018  | 2019  | 2020 | 2021  | 2022 |
|--------------------------------------------------------|-------------------------------|-------|-------|------|-------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |      |       |      |
| Total main activity and autoproducer                   | 189                           | 246   | 269   | 276  | 262   | 305  |
| Combustible fuels                                      | 80                            | 105   | 129   | 92   | 124   | 125  |
| Hydro                                                  | 100                           | 133   | 132   | 176  | 131   | 167  |
| Nuclear                                                | ..                            | ..    | ..    | ..   | ..    | ..   |
| Other                                                  | 8                             | 8     | 8     | 8    | *8    | 13   |
| Main activity                                          | 182                           | 240   | 264   | 270  | 257   | 288  |
| Combustible fuels                                      | 74                            | 99    | 124   | 87   | 118   | 108  |
| Hydro                                                  | 100                           | 133   | 132   | 176  | 131   | 167  |
| Nuclear                                                | ..                            | ..    | ..    | ..   | ..    | ..   |
| Other                                                  | 8                             | 8     | 8     | 8    | *8    | 13   |
| Own use in electricity, CHP and heat plants            | 11                            | 13    | 14    | 15   | *13   | 14   |
| Net production                                         | 177                           | 233   | 255   | 261  | 249   | 291  |
| Imports                                                | *110                          | *100  | *100  | *89  | *101  | *100 |
| Exports                                                | ..                            | ..    | ..    | ..   | ..    | ..   |
| Losses                                                 | *47                           | *55   | *57   | *56  | *56   | *60  |
| Consumption                                            | *241                          | *278  | *298  | *294 | *295  | *331 |
| Energy industries own use                              | ..                            | ..    | ..    | ..   | ..    | ..   |
| By industry and construction                           | *95                           | *120  | *126  | *125 | *124  | *140 |
| By transport                                           | ..                            | ..    | ..    | ..   | ..    | ..   |
| By households and other cons.                          | *146                          | *158  | *173  | *169 | *171  | *191 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |      |       |      |
| Total main activity and autoproducer                   | 71                            | 88    | 108   | 108  | 112   | 127  |
| Combustible fuels                                      | *18                           | 35    | 55    | 55   | 55    | 55   |
| Hydro                                                  | 48                            | 48    | 48    | 48   | 48    | 63   |
| Nuclear                                                | ..                            | ..    | ..    | ..   | ..    | ..   |
| Other                                                  | 5                             | 5     | 5     | 5    | 9     | 9    |
| Main activity                                          | 67                            | 84    | 104   | 104  | 108   | 123  |
| Combustible fuels                                      | *14                           | 31    | 51    | 51   | 51    | 51   |
| Hydro                                                  | 48                            | 48    | 48    | 48   | 48    | 63   |
| Nuclear                                                | ..                            | ..    | ..    | ..   | ..    | ..   |
| Other                                                  | 5                             | 5     | 5     | 5    | 9     | 9    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |      |       |      |
| Fuel oil                                               | *921                          | *1212 | *1252 | *877 | *1196 | 1131 |
| Bagasse                                                | *119                          | *102  | *98   | *100 | *100  | *270 |
| <b>Total input</b>                                     | *1040                         | *1314 | *1350 | *977 | *1296 | 1401 |
| <b>Total production</b>                                | 290                           | 377   | 465   | 332  | 446   | 450  |
| <b>Estimated efficiency (% of production to input)</b> | 28                            | 29    | 34    | 34   | 34    | 32   |