

## Statistics on electricity

### Cabo Verde

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 491                           | 497   | 512   | 454   | 475   | 544   |
| Combustible fuels                                      | 409                           | 394   | 414   | 371   | 382   | 443   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 83                            | 103   | 98    | 83    | 93    | 100   |
| Main activity                                          | 491                           | 496   | 511   | 453   | 474   | 543   |
| Combustible fuels                                      | 408                           | 393   | 413   | 370   | 381   | 442   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 83                            | 103   | 98    | 83    | 93    | 100   |
| Own use in electricity, CHP and heat plants            | 15                            | 13    | 12    | 13    | 12    | 12    |
| Net production                                         | 477                           | 484   | 500   | 441   | 463   | 532   |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | 109                           | 110   | 110   | 109   | 112   | 115   |
| Consumption                                            | *367                          | *373  | *389  | *331  | *350  | *417  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *64                           | *65   | *62   | *55   | *58   | *66   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *303                          | *308  | *328  | *276  | *292  | *351  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 182                           | 185   | 193   | 181   | 178   | 191   |
| Combustible fuels                                      | 148                           | 148   | 156   | 144   | 141   | 146   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 35                            | 37    | 37    | 37    | 37    | 44    |
| Main activity                                          | 182                           | 184   | 192   | 180   | 178   | 190   |
| Combustible fuels                                      | 147                           | 147   | 155   | 143   | 140   | 146   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 35                            | 37    | 37    | 37    | 37    | 44    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *497                          | *509  | *565  | *531  | *526  | *635  |
| Fuel oil                                               | 3131                          | *2986 | *3119 | *2711 | *2816 | *3256 |
| <b>Total input</b>                                     | 3628                          | *3495 | *3684 | *3242 | *3342 | *3891 |
| <b>Total production</b>                                | 1472                          | 1418  | 1490  | 1335  | 1374  | 1596  |
| <b>Estimated efficiency (% of production to input)</b> | 41                            | 41    | 40    | 41    | 41    | 41    |

# Statistics on electricity

## Cambodia

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 6831                          | 8328  | 8995  | 9092  | 10208 | 10643 |
| Combustible fuels                                      | 4115                          | 3575  | 4872  | 4739  | 4324  | 3759  |
| Hydro                                                  | 2711                          | 4737  | 4025  | 4048  | 5249  | 6157  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 5                             | 17    | 98    | 304   | 635   | 726   |
| Main activity                                          | 6831                          | 8328  | 8995  | 9092  | 10208 | 10643 |
| Combustible fuels                                      | 4115                          | 3575  | 4872  | 4739  | 4324  | 3759  |
| Hydro                                                  | 2711                          | 4737  | 4025  | 4048  | 5249  | 6157  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 5                             | 17    | 98    | 304   | 635   | 726   |
| Own use in electricity, CHP and heat plants            | 0                             | 0     | 0     | 419   | 395   | 443   |
| Net production                                         | 6831                          | 8328  | 8995  | 8673  | 9812  | 10199 |
| Imports                                                | 1439                          | 1567  | 3063  | 3820  | 3385  | 4799  |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | 1332                          | 1090  | 1360  | 1105  | 1279  | 1453  |
| Consumption                                            | 7027                          | 8632  | 10191 | 11304 | 11816 | 13424 |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 1748                          | 2290  | 3383  | 4245  | 4257  | 4836  |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 5279                          | 6341  | 6808  | 7059  | 7560  | 8588  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 1878                          | 2187  | 2443  | 2991  | 3033  | 3464  |
| Combustible fuels                                      | 888                           | 847   | 1007  | 1365  | 1325  | 1351  |
| Hydro                                                  | 980                           | 1330  | 1330  | 1330  | 1332  | 1676  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 10                            | 10    | 105   | 297   | 377   | 437   |
| Main activity                                          | 1878                          | 2187  | 2443  | 2991  | 3033  | 3464  |
| Combustible fuels                                      | 888                           | 847   | 1007  | 1365  | 1325  | 1351  |
| Hydro                                                  | 980                           | 1330  | 1330  | 1330  | 1332  | 1676  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 10                            | 10    | 105   | 297   | 377   | 437   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Brown Coal                                             | 30719                         | 32858 | 41546 | 48971 | 36630 | 33904 |
| Gas-diesel oil                                         | 2077                          | 2146  | 5250  | 688   | 852   | 533   |
| Fuel oil                                               | 1305                          | 1349  | 3301  | 3757  | 4654  | 2909  |
| Vegetal waste                                          | 538                           | 488   | 1388  | 1272  | 956   | 240   |
| <b>Total input</b>                                     | 34638                         | 36841 | 51485 | 54689 | 43093 | 37585 |
| <b>Total production</b>                                | 14814                         | 12868 | 17538 | 17061 | 15565 | 13533 |
| <b>Estimated efficiency (% of production to input)</b> | 43                            | 35    | 34    | 31    | 36    | 36    |

# Statistics on electricity

## Cameroon

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 8088                          | 8590  | 8483  | 8650  | 9484  | 9974  |
| Combustible fuels                                      | 2982                          | 3547  | 3234  | 3660  | 3130  | 2896  |
| Hydro                                                  | 5090                          | 5023  | 5229  | 4945  | 6309  | 7033  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 16                            | 20    | 20    | 45    | 46    | 46    |
| Main activity                                          | 5392                          | 5337  | 5487  | 5173  | 6534  | 7266  |
| Combustible fuels                                      | 286                           | 295   | 238   | 182   | 179   | 188   |
| Hydro                                                  | 5090                          | 5023  | 5229  | 4945  | 6309  | 7033  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 16                            | 20    | 20    | 45    | 46    | 46    |
| Own use in electricity, CHP and heat plants            | 236                           | 251   | 248   | 253   | 277   | 291   |
| Net production                                         | 7852                          | 8339  | 8236  | 8398  | 9207  | 9683  |
| Imports                                                | 60                            | 49    | 53    | 58    | 65    | 57    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | 1790                          | 1805  | 1864  | 1900  | 2084  | 2191  |
| Consumption                                            | 6186                          | 6570  | 6488  | 6616  | 7254  | 7628  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 3452                          | 3666  | 3621  | 3692  | 4048  | 4257  |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 2734                          | 2903  | 2868  | 2924  | 3206  | 3371  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *2053                         | *1664 | *1744 | *1745 | *1757 | *1758 |
| Combustible fuels                                      | *1265                         | *918  | *918  | *918  | *918  | *918  |
| Hydro                                                  | 777                           | 732   | 812   | 812   | 812   | 813   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 12                            | 14    | 14    | 14    | 26    | 26    |
| Main activity                                          | 1403                          | 1014  | 1094  | 1095  | 1107  | 1108  |
| Combustible fuels                                      | 615                           | 268   | 268   | 268   | 268   | 268   |
| Hydro                                                  | 777                           | 732   | 812   | 812   | 812   | 813   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 12                            | 14    | 14    | 14    | 26    | 26    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | 10616                         | 10914 | 9375  | 7836  | 7721  | 8084  |
| Fuel oil                                               | 3455                          | 3554  | 2875  | 2197  | 2164  | 2266  |
| Natural gas                                            | 22550                         | 29315 | 27673 | 35469 | 28843 | 25335 |
| Fuelwood                                               | *355                          | *369  | *382  | *384  | *398  | *412  |
| <b>Total input</b>                                     | 36977                         | 44153 | 40306 | 45886 | 39126 | 36098 |
| <b>Total production</b>                                | 10736                         | 12770 | 11644 | 13176 | 11268 | 10424 |
| <b>Estimated efficiency (% of production to input)</b> | 29                            | 29    | 29    | 29    | 29    | 29    |

## Statistics on electricity

### Canada

| Item                                                   | 2017                          | 2018    | 2019    | 2020    | 2021    | 2022    |
|--------------------------------------------------------|-------------------------------|---------|---------|---------|---------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |         |         |         |         |
| Total main activity and autoproducer                   | 662678                        | 658445  | 652113  | 651463  | 644689  | 651311  |
| Combustible fuels                                      | 131690                        | 134555  | 132277  | 126506  | 126562  | 123332  |
| Hydro                                                  | 394659                        | 385967  | 381843  | 386617  | 383963  | 397727  |
| Nuclear                                                | 101299                        | 100731  | 101197  | 98195   | 92629   | 87239   |
| Other                                                  | 35030                         | 37192   | 36796   | 40145   | 41535   | 43013   |
| Main activity                                          | 599500                        | 596299  | 591192  | 590805  | 590776  | 596597  |
| Combustible fuels                                      | 100438                        | 103880  | 102369  | 95946   | 96515   | 92404   |
| Hydro                                                  | 364520                        | 356414  | 352967  | 358839  | 362271  | 376309  |
| Nuclear                                                | 101299                        | 100731  | 101197  | 98195   | 92629   | 87239   |
| Other                                                  | 33243                         | 35274   | 34659   | 37825   | 39361   | 40645   |
| Own use in electricity, CHP and heat plants            | 18604                         | 18693   | 18528   | 18060   | 17735   | 17372   |
| Net production                                         | 644074                        | 639752  | 633585  | 633403  | 626954  | 633939  |
| Imports                                                | 9904                          | 13195   | 13333   | 9784    | 13016   | 14116   |
| Exports                                                | 72040                         | 61401   | 60411   | 67421   | 60393   | 65405   |
| Losses                                                 | 35407                         | 33525   | 33548   | 32891   | 32017   | 31850   |
| Consumption                                            | 536126                        | 545835  | 551990  | 539936  | 547819  | 559168  |
| Energy industries own use                              | 20378                         | 17672   | 23149   | 21801   | 22135   | 22659   |
| By industry and construction                           | 184167                        | 188343  | 185595  | 177287  | 184756  | 190276  |
| By transport                                           | 7865                          | 7962    | 7734    | 7603    | 7955    | 8449    |
| By households and other cons.                          | 323716                        | 331858  | 335512  | 333245  | 332973  | 337784  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |         |         |         |         |
| Total main activity and autoproducer                   | 147444                        | 148464  | 148929  | 150305  | 152621  | 153744  |
| Combustible fuels                                      | 37305                         | 37549   | 37393   | 39155   | 39397   | 38388   |
| Hydro                                                  | 80831                         | 81570   | 81570   | 81383   | 82307   | 83312   |
| Nuclear                                                | 14033                         | 13338   | 13338   | 12513   | 12513   | 11578   |
| Other                                                  | 15275                         | 16007   | 16628   | 17254   | 18404   | 20466   |
| Main activity                                          | 135374                        | 136027  | 136399  | 137322  | 139461  | 140432  |
| Combustible fuels                                      | 31747                         | 31850   | 31708   | 33203   | 33408   | 32552   |
| Hydro                                                  | 75699                         | 76395   | 76395   | 76165   | 77030   | 77970   |
| Nuclear                                                | 14033                         | 13338   | 13338   | 12513   | 12513   | 11578   |
| Other                                                  | 13895                         | 14444   | 14958   | 15441   | 16510   | 18332   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |         |         |         |         |
| Hard Coal                                              | 48616                         | 52038   | 49663   | 43962   | 42234   | 35392   |
| Brown Coal                                             | 524953                        | 396763  | 374090  | 298513  | 267523  | 205371  |
| Biogas                                                 | 9161                          | 8649    | 8543    | 8222    | 8220    | 8220    |
| Gas-diesel oil                                         | 12728                         | 14749   | 13760   | 12685   | 13244   | 13975   |
| Fuel oil                                               | 26220                         | 23109   | 19675   | 17049   | 17776   | 23432   |
| Refinery gas                                           | 11039                         | 12920   | 9554    | 9851    | 6732    | 9851    |
| Petroleum coke                                         | 27755                         | 28275   | 26520   | 20443   | 14723   | 22035   |
| Natural gas                                            | 624031                        | 727501  | 736919  | 769338  | 807734  | 844945  |
| Fuelwood                                               | *98899                        | *95952  | *93993  | *87076  | *87394  | *77837  |
| Municipal waste                                        | 4529                          | 4434    | 4406    | 4445    | 4408    | 4408    |
| Others                                                 | 3385                          | 2814    | 2958    | 2728    | 2585    | 2347    |
| <b>Total input</b>                                     | 1391315                       | 1367203 | 1340080 | 1274311 | 1272572 | 1247813 |
| <b>Total production</b>                                | 474084                        | 484398  | 476197  | 455422  | 455623  | 443995  |
| <b>Estimated efficiency (% of production to input)</b> | 34                            | 35      | 36      | 36      | 36      | 36      |

## Statistics on electricity

### Cayman Islands

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 671                           | 658  | 696  | 668  | 678  | 698  |
| Combustible fuels                                      | 671                           | 658  | 696  | 668  | 678  | 698  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Main activity                                          | 671                           | 658  | 696  | 668  | 678  | 698  |
| Combustible fuels                                      | 671                           | 658  | 696  | 668  | 678  | 698  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0    |
| Net production                                         | 671                           | 658  | 696  | 668  | 678  | 698  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 29                            | 9    | 6    | 3    | 2    | 7    |
| Consumption                                            | 642                           | 649  | 689  | 665  | 677  | 691  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 312                           | 318  | 330  | 292  | 301  | 313  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 330                           | 331  | 359  | 373  | 376  | 378  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 161                           | 161  | 161  | 161  | 161  | 166  |
| Combustible fuels                                      | 161                           | 161  | 161  | 161  | 161  | 166  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Main activity                                          | 161                           | 161  | 161  | 161  | 161  | 166  |
| Combustible fuels                                      | 161                           | 161  | 161  | 161  | 161  | 166  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 5534                          | 5586 | 6368 | 6105 | 6075 | 6073 |
| <b>Total input</b>                                     | 5534                          | 5586 | 6368 | 6105 | 6075 | 6073 |
| <b>Total production</b>                                | 2414                          | 2368 | 2504 | 2404 | 2442 | 2512 |
| <b>Estimated efficiency (% of production to input)</b> | 44                            | 42   | 39   | 39   | 40   | 41   |

# Statistics on electricity

## Central African Rep.

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 145                           | 144  | 142  | 141  | 141  | 142  |
| Combustible fuels                                      | 5                             | 2    | 2    | 1    | 1    | *1   |
| Hydro                                                  | 140                           | 142  | 140  | 140  | 140  | 141  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0    |
| Main activity                                          | 145                           | 144  | 142  | 141  | 141  | 142  |
| Combustible fuels                                      | 5                             | 2    | 2    | 1    | 1    | *1   |
| Hydro                                                  | 140                           | 142  | 140  | 140  | 140  | 141  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0    |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0    |
| Net production                                         | 145                           | 144  | 142  | 141  | 141  | 142  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | *22                           | *22  | *21  | *21  | *21  | *22  |
| Consumption                                            | 95                            | 95   | 93   | 99   | 99   | *100 |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 8                             | 8    | 23   | 23   | 23   | *23  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 87                            | 87   | 70   | 76   | 76   | *77  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | *44                           | *44  | *44  | *44  | *44  | *44  |
| Combustible fuels                                      | *19                           | *19  | *19  | *19  | *19  | *19  |
| Hydro                                                  | *25                           | *25  | *25  | *25  | *25  | *25  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0    |
| Main activity                                          | *44                           | *44  | *44  | *44  | *44  | *44  |
| Combustible fuels                                      | *19                           | *19  | *19  | *19  | *19  | *19  |
| Hydro                                                  | *25                           | *25  | *25  | *25  | *25  | *25  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | *52                           | *20  | *18  | *8   | *8   | *8   |
| <b>Total input</b>                                     | *52                           | *20  | *18  | *8   | *8   | *8   |
| <b>Total production</b>                                | 18                            | 7    | 6    | 3    | 3    | *3   |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 35   | 35   | 36   | 36   | 35   |

# Statistics on electricity

## Chad

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 308                           | 312   | 317   | 336   | 336   | *336  |
| Combustible fuels                                      | 299                           | 303   | 308   | 326   | 326   | *326  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 9                             | 9     | 9     | 10    | 10    | *10   |
| Main activity                                          | 308                           | 312   | 317   | 336   | 336   | *336  |
| Combustible fuels                                      | 299                           | 303   | 308   | 326   | 326   | *326  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 9                             | 9     | 9     | 10    | 10    | *10   |
| Own use in electricity, CHP and heat plants            | 17                            | 19    | 20    | 21    | 21    | *21   |
| Net production                                         | 291                           | 293   | 297   | 315   | 315   | *315  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *45                           | *45   | *46   | *53   | *55   | *50   |
| Consumption                                            | *242                          | *245  | *249  | *259  | *256  | *262  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *85                           | *86   | *87   | *87   | *87   | *90   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *157                          | *159  | *162  | *172  | *169  | *172  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 163                           | 164   | 164   | 164   | 164   | 165   |
| Combustible fuels                                      | 162                           | 162   | 162   | 162   | 162   | 162   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 2     | 2     | 2     | 2     | 3     |
| Main activity                                          | 163                           | 164   | 164   | 164   | 164   | 165   |
| Combustible fuels                                      | 162                           | 162   | 162   | 162   | 162   | 162   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 2     | 2     | 2     | 2     | 3     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *2537                         | *2580 | *2636 | *2666 | *2709 | *2709 |
| <b>Total input</b>                                     | *2537                         | *2580 | *2636 | *2666 | *2709 | *2709 |
| <b>Total production</b>                                | 1076                          | 1091  | 1109  | 1174  | 1174  | *1174 |
| <b>Estimated efficiency (% of production to input)</b> | 42                            | 42    | 42    | 44    | 43    | 43    |

## Statistics on electricity

### Chile

| Item                                                   | 2017                          | 2018    | 2019    | 2020    | 2021    | 2022    |
|--------------------------------------------------------|-------------------------------|---------|---------|---------|---------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |         |         |         |         |
| Total main activity and autoproducer                   | 79443                         | 82339   | 84558   | 83994   | 88019   | 91019   |
| Combustible fuels                                      | 50628                         | 49952   | 50564   | 48331   | 50154   | 45261   |
| Hydro                                                  | 21315                         | 23367   | 22477   | 21873   | 19348   | 20684   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 7499                          | 9020    | 11517   | 13790   | 18517   | 25074   |
| Main activity                                          | 72059                         | 75364   | 78033   | 77369   | 81391   | 84534   |
| Combustible fuels                                      | 43290                         | 43043   | 44076   | 41783   | 43752   | 39196   |
| Hydro                                                  | 21271                         | 23307   | 22447   | 21816   | 19180   | 20495   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 7497                          | 9015    | 11510   | 13770   | 18458   | 24843   |
| Own use in electricity, CHP and heat plants            | 2389                          | 2431    | 2458    | 2393    | 1910    | 2397    |
| Net production                                         | 77054                         | 79908   | 82100   | 81600   | 86109   | 88622   |
| Imports                                                | 0                             | 0       | ..      | ..      | ..      | ..      |
| Exports                                                | 39                            | ..      | ..      | ..      | ..      | ..      |
| Losses                                                 | 4175                          | 3511    | 3570    | 3281    | 4225    | 4547    |
| Consumption                                            | 70350                         | 73716   | 74843   | 75117   | 76961   | 79999   |
| Energy industries own use                              | 727                           | 682     | 746     | 603     | 640     | 641     |
| By industry and construction                           | 41432                         | 44091   | 44552   | 44810   | 44930   | 46899   |
| By transport                                           | 963                           | 1151    | 1296    | 1289    | 1244    | 1507    |
| By households and other cons.                          | 27228                         | 27792   | 28249   | 28416   | 30146   | 30950   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |         |         |         |         |
| Total main activity and autoproducer                   | 26207                         | 27535   | 27646   | 30007   | 33444   | 37562   |
| Combustible fuels                                      | 16500                         | 16877   | 16544   | 17564   | 17752   | 17752   |
| Hydro                                                  | 6656                          | 6627    | 6341    | 6818    | 6797    | 7502    |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 3051                          | 4031    | 4761    | 5625    | 8896    | 12308   |
| Main activity                                          | 22538                         | 23293   | 24288   | 25469   | 28906   | 32910   |
| Combustible fuels                                      | 12842                         | 12652   | 13234   | 13115   | 13303   | 13303   |
| Hydro                                                  | 6648                          | 6619    | 6333    | 6768    | 6747    | 7452    |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 3047                          | 4023    | 4721    | 5586    | 8857    | 12156   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |         |         |         |         |
| Hard Coal                                              | 281026                        | 264847  | 310619  | 290873  | 256127  | 212274  |
| Brown Coal                                             | ..                            | ..      | ..      | ..      | ..      | 1324    |
| Biogas                                                 | 2904                          | 3659    | 3327    | 2543    | 2358    | 3452    |
| Gas-diesel oil                                         | 11459                         | 7373    | 6717    | 10029   | 19862   | 19862   |
| Fuel oil                                               | 3409                          | 2074    | 1878    | 1897    | 2500    | 2500    |
| Liquefied petroleum gas                                | 117                           | 35      | 14      | 30      | 71      | 103     |
| Petroleum coke                                         | 6663                          | 7217    | 7345    | 4535    | 4886    | 4886    |
| Natural gas                                            | 105835                        | 100812  | 122629  | 117319  | 133417  | 145225  |
| Fuelwood                                               | *157602                       | *147965 | *145882 | *138302 | *147750 | *139829 |
| Black liquor                                           | *33359                        | *38481  | *35206  | *39536  | *61516  | *47203  |
| Others                                                 | 0                             | ..      | ..      | ..      | ..      | ..      |
| <b>Total input</b>                                     | 602373                        | 572464  | 633618  | 605063  | 628489  | 576659  |
| <b>Total production</b>                                | 182262                        | 179829  | 182030  | 173991  | 180553  | 162939  |
| <b>Estimated efficiency (% of production to input)</b> | 30                            | 31      | 29      | 29      | 29      | 28      |



## Statistics on electricity

### China

| Item                                                   | 2017                          | 2018     | 2019     | 2020     | 2021     | 2022     |
|--------------------------------------------------------|-------------------------------|----------|----------|----------|----------|----------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |          |          |          |          |          |
| Total main activity and autoproducer                   | 6604476                       | 7166133  | 7503458  | 7779060  | 8534273  | 8848707  |
| Combustible fuels                                      | 4754595                       | 5096318  | 5220150  | 5330250  | 5805870  | 5888795  |
| Hydro                                                  | 1197865                       | 1231787  | 1304440  | 1355210  | 1339000  | 1352195  |
| Nuclear                                                | 248100                        | 294359   | 348350   | 366250   | 407520   | 417775   |
| Other                                                  | 403916                        | 543669   | 630518   | 727350   | 981883   | 1189942  |
| Main activity                                          | 6218878                       | 6752822  | 7080104  | 7346777  | 8063417  | 8371126  |
| Combustible fuels                                      | 4368997                       | 4683007  | 4796796  | 4897967  | 5335014  | 5411214  |
| Hydro                                                  | 1197865                       | 1231787  | 1304440  | 1355210  | 1339000  | 1352195  |
| Nuclear                                                | 248100                        | 294359   | 348350   | 366250   | 407520   | 417775   |
| Other                                                  | 403916                        | 543669   | 630518   | 727350   | 981883   | 1189942  |
| Own use in electricity, CHP and heat plants            | 509662                        | 553523   | 570341   | 588602   | 622333   | 647868   |
| Net production                                         | 6094814                       | 6612610  | 6933117  | 7190458  | 7911940  | 8200839  |
| Imports                                                | 6423                          | 5688     | 4860     | 4750     | 5940     | 7138     |
| Exports                                                | 19470                         | 20906    | 21650    | 21790    | 20180    | 20088    |
| Losses                                                 | 319583                        | 335171   | 333010   | 323350   | 325611   | 306288   |
| Consumption                                            | 5762182                       | 6262126  | 6583287  | 6850062  | 7572092  | 7881606  |
| Energy industries own use                              | 246475                        | 261166   | 284598   | 282496   | 318204   | 329901   |
| By industry and construction                           | 3608516                       | 3848414  | 3981029  | 4142006  | 4509398  | 4566299  |
| By transport                                           | 141798                        | 160850   | 175230   | *175100  | *199302  | *204141  |
| By households and other cons.                          | 1765392                       | 1991696  | 2142430  | 2250460  | 2545188  | 2781265  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |          |          |          |          |          |
| Total main activity and autoproducer                   | 1824130                       | 1952038  | 2065020  | 2258630  | 2427780  | 2609470  |
| Combustible fuels                                      | 1149480                       | 1195998  | 1244540  | 1302840  | 1347390  | 1382390  |
| Hydro                                                  | 344110                        | 352590   | 358040   | 370280   | 390920   | 413500   |
| Nuclear                                                | 35820                         | 44660    | 48740    | 49890    | 53260    | 55530    |
| Other                                                  | 294720                        | 358790   | 413700   | 535620   | 636210   | 758050   |
| Main activity                                          | 1779600                       | 1900848  | 2010050  | 2202030  | 2377780  | 2559470  |
| Combustible fuels                                      | 1104950                       | 1144808  | 1189570  | 1246240  | 1297390  | 1332390  |
| Hydro                                                  | 344110                        | 352590   | 358040   | 370280   | 390920   | 413500   |
| Nuclear                                                | 35820                         | 44660    | 48740    | 49890    | 53260    | 55530    |
| Other                                                  | 294720                        | 358790   | 413700   | 535620   | 636210   | 758050   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |          |          |          |          |          |
| Hard Coal                                              | 39931035                      | 42227542 | 43183471 | 43296262 | 46898149 | 47384260 |
| Coke-oven coke                                         | 0                             | 0        | ..       | ..       | ..       | 38093    |
| Petroleum coke                                         | 47405                         | 59387    | 58884    | 61711    | 66973    | 46521    |
| Natural gas                                            | 1863643                       | 2155130  | 2230440  | 2483374  | 2812216  | 1944488  |
| Gasworks gas                                           | 145944                        | 220865   | 229      | 6121     | *6000    | 22937    |
| Coke-oven gas                                          | 342407                        | 326295   | 365890   | 383198   | 380736   | 491553   |
| Blast furnace gas                                      | 721500                        | 920268   | 980540   | 1173008  | 1145676  | 1144588  |
| Vegetal waste                                          | 412563                        | 420814   | 420814   | 420814   | 420814   | 420814   |
| Industrial waste                                       | 192755                        | 182040   | 144619   | 122376   | 95746    | 99360    |
| Other recovered gases                                  | ..                            | ..       | 155960   | 171071   | *175000  | 164404   |
| Others                                                 | 61803                         | 57824    | 57500    | 58716    | 52780    | 45125    |
| <b>Total input</b>                                     | 43719054                      | 46570164 | 47598346 | 48176651 | 52054090 | 51802143 |
| <b>Total production</b>                                | 17116542                      | 18346745 | 18792540 | 19188900 | 20901132 | 21199662 |
| <b>Estimated efficiency (% of production to input)</b> | 39                            | 39       | 39       | 40       | 40       | 41       |

## Statistics on electricity

### China, Hong Kong SAR

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 36970                         | 36565  | 36911  | 35189  | 37071  | 36186  |
| Combustible fuels                                      | 36970                         | 36565  | 36911  | 35189  | 37071  | 36186  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Main activity                                          | 36970                         | 36565  | 36911  | 35189  | 37071  | 36186  |
| Combustible fuels                                      | 36970                         | 36565  | 36911  | 35189  | 37071  | 36186  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Own use in electricity, CHP and heat plants            | 0                             | 0      | 0      | 0      | 0      | 0      |
| Net production                                         | 36970                         | 36565  | 36911  | 35189  | 37071  | 36186  |
| Imports                                                | 12576                         | 12599  | 12381  | 12699  | 12555  | 12348  |
| Exports                                                | 1341                          | 556    | ..     | ..     | ..     | ..     |
| Losses                                                 | 4373                          | 4303   | 4373   | 3687   | 3812   | 3674   |
| Consumption                                            | 43832                         | 44305  | 44919  | 44201  | 45813  | 44861  |
| Energy industries own use                              | ..                            | ..     | ..     | ..     | ..     | ..     |
| By industry and construction                           | 3110                          | 3078   | 3004   | 2965   | 3101   | 3080   |
| By transport                                           | ..                            | ..     | ..     | ..     | ..     | ..     |
| By households and other cons.                          | 40722                         | 41227  | 41915  | 41236  | 42712  | 41781  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 12492                         | 12282  | 12225  | 13129  | 13240  | 13274  |
| Combustible fuels                                      | 12492                         | 12282  | 12225  | 13129  | 13240  | 13274  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Main activity                                          | 12492                         | 12282  | 12225  | 13129  | 13240  | 13274  |
| Combustible fuels                                      | 12492                         | 12282  | 12225  | 13129  | 13240  | 13274  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 262592                        | 269686 | 258248 | 137509 | 152761 | 150256 |
| Gas-diesel oil                                         | 4257                          | 3182   | 2236   | 2150   | 2537   | 2494   |
| Fuel oil                                               | 0                             | ..     | ..     | ..     | ..     | ..     |
| Liquefied petroleum gas                                | ..                            | ..     | 2176   | 1514   | 1230   | 2129   |
| Natural gas                                            | 106754                        | 103006 | 108340 | 172268 | 172889 | 168653 |
| <b>Total input</b>                                     | 373603                        | 375874 | 371000 | 313441 | 329417 | 323532 |
| <b>Total production</b>                                | 133092                        | 131634 | 132880 | 126680 | 133456 | 130270 |
| <b>Estimated efficiency (% of production to input)</b> | 36                            | 35     | 36     | 40     | 41     | 40     |

# Statistics on electricity

## China, Macao SAR

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |      |      |
| Total main activity and autoproducer                   | 1465                          | 653   | 830   | 562   | 496  | 609  |
| Combustible fuels                                      | 1465                          | 653   | 830   | 562   | 496  | 609  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..   | ..   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..   | ..   |
| Other                                                  | 0                             | 0     | 0     | 0     | 0    | 0    |
| Main activity                                          | 1260                          | 474   | 613   | 373   | 287  | 406  |
| Combustible fuels                                      | 1260                          | 474   | 613   | 373   | 287  | 406  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..   | ..   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..   | ..   |
| Other                                                  | ..                            | ..    | ..    | ..    | ..   | ..   |
| Own use in electricity, CHP and heat plants            | 108                           | 98    | 100   | 87    | 83   | 84   |
| Net production                                         | 1357                          | 555   | 730   | 475   | 413  | 525  |
| Imports                                                | 3952                          | 4911  | 4976  | 4853  | 5192 | 4874 |
| Exports                                                | ..                            | ..    | ..    | ..    | ..   | ..   |
| Losses                                                 | 139                           | 150   | 157   | 136   | 151  | 146  |
| Consumption                                            | 5171                          | 5321  | 5550  | 5192  | 5454 | 5252 |
| Energy industries own use                              | 2                             | 2     | ..    | ..    | ..   | ..   |
| By industry and construction                           | 204                           | 193   | 184   | 173   | 182  | 173  |
| By transport                                           | ..                            | ..    | ..    | ..    | 4    | 3    |
| By households and other cons.                          | 4965                          | 5126  | 5366  | 5019  | 5268 | 5076 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |      |      |
| Total main activity and autoproducer                   | 397                           | 397   | 397   | 397   | 397  | 397  |
| Combustible fuels                                      | 397                           | 397   | 397   | 397   | 397  | 397  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..   | ..   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..   | ..   |
| Other                                                  | 0                             | 0     | 0     | 0     | 0    | 0    |
| Main activity                                          | 368                           | 368   | 368   | 368   | 368  | 368  |
| Combustible fuels                                      | 368                           | 368   | 368   | 368   | 368  | 368  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..   | ..   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..   | ..   |
| Other                                                  | ..                            | ..    | ..    | ..    | ..   | ..   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |      |      |
| Gas-diesel oil                                         | 43                            | 0     | 86    | 0     | 0    | 0    |
| Fuel oil                                               | 4727                          | 1697  | 1333  | 1252  | 323  | 202  |
| Natural gas                                            | 6344                          | 2902  | 4531  | 2312  | 2636 | 3942 |
| Municipal waste                                        | *3339                         | *3386 | *3878 | *3423 | 3554 | 3400 |
| <b>Total input</b>                                     | 14453                         | 7985  | 9828  | 6987  | 6513 | 7544 |
| <b>Total production</b>                                | 5275                          | 2350  | 2987  | 2024  | 1784 | 2192 |
| <b>Estimated efficiency (% of production to input)</b> | 36                            | 29    | 30    | 29    | 27   | 29   |

# Statistics on electricity

## Colombia

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 75125                         | 78426  | 80415  | 79550  | 86872  | 87056  |
| Combustible fuels                                      | 17641                         | 21563  | 25622  | 29361  | 23337  | 24204  |
| Hydro                                                  | 57476                         | 56809  | 54594  | 49977  | 62318  | 62248  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 8                             | 54     | 200    | 211    | 1216   | 605    |
| Main activity                                          | 66557                         | 68943  | 69377  | 68541  | 75563  | 75259  |
| Combustible fuels                                      | 9221                          | 12241  | 14749  | 18503  | 12257  | 12643  |
| Hydro                                                  | 57328                         | 56648  | 54437  | 49837  | 62113  | 62053  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 8                             | 54     | 191    | 201    | 1193   | 563    |
| Own use in electricity, CHP and heat plants            | 148                           | 161    | 2184   | 2326   | 2308   | 2546   |
| Net production                                         | 74977                         | 78265  | 78231  | 77223  | 84563  | 84511  |
| Imports                                                | 78                            | 122    | 312    | 1302   | 479    | 159    |
| Exports                                                | 9                             | 16     | 0      | 251    | 364    | 465    |
| Losses                                                 | 5560                          | 8155   | 5724   | 6160   | 6664   | 6627   |
| Consumption                                            | 69136                         | 69902  | 74225  | 72356  | 78844  | 76162  |
| Energy industries own use                              | 7905                          | 8371   | 6737   | 6449   | 10018  | 5963   |
| By industry and construction                           | 19289                         | 19646  | 22640  | 20514  | 12084  | 12485  |
| By transport                                           | 97                            | 104    | 94     | 81     | 570    | 613    |
| By households and other cons.                          | 41846                         | 41781  | 44754  | 45312  | 56172  | 57101  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 17931                         | 18889  | 18978  | 16684  | 16953  | 17927  |
| Combustible fuels                                      | 6084                          | 6854   | 6809   | 4412   | 4447   | 4695   |
| Hydro                                                  | 11820                         | 11931  | 11996  | 12024  | 12008  | 12607  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 28                            | *104   | 173    | 247    | 498    | 625    |
| Main activity                                          | 16307                         | 17265  | 17341  | 15035  | 15304  | 16268  |
| Combustible fuels                                      | 4554                          | 5324   | 5279   | 2882   | 2917   | 3165   |
| Hydro                                                  | 11726                         | 11837  | 11901  | 11929  | 11913  | 12512  |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 28                            | *104   | 161    | 224    | 474    | 592    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 32505                         | 45585  | 88207  | 97842  | 49251  | 49044  |
| Biogas                                                 | ..                            | ..     | 5      | 1      | 20     | 17     |
| Crude oil                                              | 11715                         | 11880  | 12575  | 12120  | 11450  | 11450  |
| Gas-diesel oil                                         | 13438                         | 13627  | 14325  | 13728  | 16101  | 16101  |
| Fuel oil                                               | 0                             | 0      | 520    | 255    | 521    | 521    |
| Liquefied petroleum gas                                | 1405                          | 1381   | ..     | ..     | ..     | ..     |
| Natural gas                                            | 45918                         | 48447  | 95358  | 139282 | 119095 | 120286 |
| Blast furnace gas                                      | 346                           | 349    | 360    | 279    | 292    | 295    |
| Bagasse                                                | 7536                          | 56019  | 84032  | 92837  | *87615 | *77316 |
| <b>Total input</b>                                     | 112863                        | 177288 | 295383 | 356344 | 284345 | 275030 |
| <b>Total production</b>                                | 63508                         | 77626  | 92237  | 105701 | 84014  | 87133  |
| <b>Estimated efficiency (% of production to input)</b> | 56                            | 44     | 31     | 30     | 30     | 32     |

# Statistics on electricity

## Comoros

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | *91                           | *98   | *108  | *130  | *136  | *139  |
| Combustible fuels                                      | *91                           | *98   | *108  | *130  | *132  | *135  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | *4    | *4    |
| Main activity                                          | *91                           | *98   | *108  | *130  | *136  | *139  |
| Combustible fuels                                      | *91                           | *98   | *108  | *130  | *132  | *135  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | *4    | *4    |
| Own use in electricity, CHP and heat plants            | *11                           | *9    | *10   | *11   | *12   | *12   |
| Net production                                         | *80                           | *90   | *99   | *119  | *124  | *127  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *22                           | *16   | *18   | *21   | *22   | *24   |
| Consumption                                            | *58                           | *74   | *81   | *98   | *102  | *103  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *58                           | *74   | *81   | *98   | *102  | *103  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *28                           | *28   | *28   | *28   | 32    | *32   |
| Combustible fuels                                      | *27                           | *27   | *27   | *27   | 27    | *27   |
| Hydro                                                  | 1                             | 1     | 1     | 1     | *1    | *1    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | 4     | 4     |
| Main activity                                          | *27                           | *27   | *27   | *27   | 31    | *31   |
| Combustible fuels                                      | *27                           | *27   | *27   | *27   | 27    | *27   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | 4     | 4     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *1147                         | *1243 | *1368 | *1651 | *1634 | *1677 |
| <b>Total input</b>                                     | *1147                         | *1243 | *1368 | *1651 | *1634 | *1677 |
| <b>Total production</b>                                | *327                          | *354  | *390  | *468  | *475  | *486  |
| <b>Estimated efficiency (% of production to input)</b> | 29                            | 28    | 29    | 28    | 29    | 29    |

# Statistics on electricity

## Congo

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 2965                          | 3096  | 3655  | 3840  | 4103  | 5013  |
| Combustible fuels                                      | 1761                          | 2001  | 2807  | 2931  | 3105  | 3884  |
| Hydro                                                  | 1203                          | 1094  | 847   | 900   | 989   | 1119  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 1     | 1     | 8     | 9     | 10    |
| Main activity                                          | 1204                          | 1095  | 848   | 909   | 998   | 1129  |
| Combustible fuels                                      | ..                            | ..    | ..    | ..    | ..    | ..    |
| Hydro                                                  | 1203                          | 1094  | 847   | 900   | 989   | 1119  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 1     | 1     | 8     | 9     | 10    |
| Own use in electricity, CHP and heat plants            | 331                           | 346   | 408   | 429   | 459   | 560   |
| Net production                                         | 2633                          | 2750  | 3247  | 3411  | 3645  | 4453  |
| Imports                                                | 22                            | 28    | 23    | 18    | 26    | 23    |
| Exports                                                | 22                            | 26    | 44    | 16    | 49    | 31    |
| Losses                                                 | 1324                          | 1384  | 1623  | 1716  | 1822  | 2236  |
| Consumption                                            | 1555                          | 1551  | 1577  | 1539  | 1565  | 1912  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 103                           | 101   | 102   | 96    | 97    | 118   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 1451                          | 1450  | 1475  | 1443  | 1468  | 1794  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *660                          | *660  | *660  | *836  | *836  | *836  |
| Combustible fuels                                      | *445                          | *445  | *445  | *615  | *615  | *615  |
| Hydro                                                  | 214                           | 214   | 214   | 214   | 214   | 214   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 1     | 1     | *7    | *7    | *7    |
| Main activity                                          | 256                           | 256   | 256   | 262   | 262   | 262   |
| Combustible fuels                                      | *41                           | *41   | *41   | *41   | *41   | *41   |
| Hydro                                                  | 214                           | 214   | 214   | 214   | 214   | 214   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 1     | 1     | *7    | *7    | *7    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | 1258                          | 1429  | 2005  | 2094  | 3005  | 3195  |
| Fuel oil                                               | 375                           | 426   | 598   | 624   | 895   | 952   |
| Natural gas                                            | 24045                         | 27316 | 38328 | 40024 | 41358 | 52476 |
| <b>Total input</b>                                     | 25678                         | 29171 | 40931 | 42742 | 45258 | 56623 |
| <b>Total production</b>                                | 6340                          | 7202  | 10106 | 10553 | 11179 | 13983 |
| <b>Estimated efficiency (% of production to input)</b> | 25                            | 25    | 25    | 25    | 25    | 25    |

## Statistics on electricity

### Cook Islands

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 37                            | 42   | 39   | 34   | 34   | 38   |
| Combustible fuels                                      | 31                            | 32   | 29   | 26   | 27   | 30   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 6                             | 10   | 10   | 8    | 7    | 7    |
| Main activity                                          | 37                            | 42   | 39   | 34   | 34   | 38   |
| Combustible fuels                                      | 31                            | 32   | 29   | 26   | 27   | 30   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 6                             | 10   | 10   | 8    | 7    | 7    |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0    |
| Net production                                         | 37                            | 42   | 39   | 34   | 34   | 38   |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | *2                            | *2   | *2   | *2   | *2   | 2    |
| Consumption                                            | *35                           | *40  | *37  | *32  | *32  | *36  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | *35                           | *40  | *37  | *32  | *32  | *36  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | *14                           | *16  | *16  | *16  | *16  | *16  |
| Combustible fuels                                      | *11                           | *11  | *11  | *11  | *11  | *11  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 3                             | 5    | 5    | 5    | 5    | 5    |
| Main activity                                          | *14                           | *16  | *16  | *16  | *16  | *16  |
| Combustible fuels                                      | *11                           | *11  | *11  | *11  | *11  | *11  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 3                             | 5    | 5    | 5    | 5    | 5    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | *323                          | *333 | *307 | *271 | *278 | *318 |
| <b>Total input</b>                                     | *323                          | *333 | *307 | *271 | *278 | *318 |
| <b>Total production</b>                                | 111                           | 115  | 106  | 93   | 96   | 109  |
| <b>Estimated efficiency (% of production to input)</b> | 34                            | 34   | 34   | 34   | 34   | 34   |

## Statistics on electricity

### Costa Rica

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 11359                         | 11528 | 11508 | 11730 | 12737 | 12583 |
| Combustible fuels                                      | 237                           | 358   | 295   | 217   | 194   | 66    |
| Hydro                                                  | 8677                          | 8343  | 7827  | 8294  | 9286  | 9449  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 2445                          | 2827  | 3386  | 3219  | 3257  | 3069  |
| Main activity                                          | 11123                         | 11279 | 11241 | 11476 | 12473 | 12447 |
| Combustible fuels                                      | 37                            | 159   | 96    | 24    | 3     | 2     |
| Hydro                                                  | 8677                          | 8343  | 7827  | 8294  | 9286  | 9449  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 2408                          | 2777  | 3319  | 3158  | 3184  | 2996  |
| Own use in electricity, CHP and heat plants            | 120                           | 121   | 242   | 275   | 233   | 236   |
| Net production                                         | 11240                         | 11407 | 11266 | 11455 | 12504 | 12347 |
| Imports                                                | 551                           | 572   | 340   | 118   | 6     | 54    |
| Exports                                                | 741                           | 813   | 323   | 624   | 1009  | 774   |
| Losses                                                 | 1295                          | 1313  | 1059  | 1043  | 1052  | 1063  |
| Consumption                                            | 9804                          | 9892  | 10190 | 9905  | 10363 | 10430 |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 1967                          | 1876  | 2018  | 1970  | 2114  | 1863  |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 7836                          | 8016  | 8172  | 7935  | 8249  | 8567  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 3564                          | 3646  | 3624  | 3607  | 3678  | 3630  |
| Combustible fuels                                      | 616                           | 628   | 549   | 554   | 554   | 554   |
| Hydro                                                  | 2328                          | 2359  | 2343  | 2331  | 2396  | 2347  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 621                           | 659   | 732   | 721   | 728   | 728   |
| Main activity                                          | 3490                          | 3551  | 3495  | 3466  | 3531  | 3483  |
| Combustible fuels                                      | 572                           | 572   | 474   | 474   | 474   | 474   |
| Hydro                                                  | 2328                          | 2359  | 2343  | 2331  | 2396  | 2347  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 590                           | 620   | 678   | 661   | 661   | 662   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Biogas                                                 | 4                             | 7     | 10    | 9     | 9     | *9    |
| Gas-diesel oil                                         | 29                            | 131   | 55    | 13    | 12    | ..    |
| Fuel oil                                               | 334                           | 1285  | 792   | 258   | 54    | 48    |
| Bagasse                                                | 1198                          | 1158  | 1196  | 1910  | 1923  | 647   |
| Vegetal waste                                          | 217                           | 232   | 118   | 383   | 305   | 305   |
| <b>Total input</b>                                     | 1782                          | 2814  | 2171  | 2573  | 2303  | 1009  |
| <b>Total production</b>                                | 853                           | 1290  | 1064  | 779   | 698   | 236   |
| <b>Estimated efficiency (% of production to input)</b> | 48                            | 46    | 49    | 30    | 30    | 23    |



# Statistics on electricity

## Côte d'Ivoire

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 10121                         | 10058 | 10697 | 11274 | 11579 | 12460 |
| Combustible fuels                                      | 8074                          | 7096  | 7197  | 7887  | 8935  | 9602  |
| Hydro                                                  | 2047                          | 2962  | 3481  | 3376  | 2626  | 2846  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | 18    | 11    | 18    | 13    |
| Main activity                                          | 9948                          | 9997  | 10631 | 11202 | 11442 | 12314 |
| Combustible fuels                                      | 7901                          | 7035  | 7132  | 7815  | 8798  | 9455  |
| Hydro                                                  | 2047                          | 2962  | 3481  | 3376  | 2626  | 2846  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | 18    | 11    | 18    | 13    |
| Own use in electricity, CHP and heat plants            | 146                           | 159   | 173   | 180   | 308   | 183   |
| Net production                                         | 9975                          | 9899  | 10524 | 11094 | 11271 | 12278 |
| Imports                                                | 37                            | 102   | 77    | 152   | 199   | 214   |
| Exports                                                | 1247                          | 1156  | 1255  | 1333  | 889   | 971   |
| Losses                                                 | 1956                          | 2081  | 1639  | 1804  | 1727  | 1865  |
| Consumption                                            | 6318                          | 6927  | 7297  | 8144  | 9018  | 9613  |
| Energy industries own use                              | ..                            | 1     | 1     | 1     | 1     | 2     |
| By industry and construction                           | 2177                          | 1989  | 2124  | 2448  | 2564  | 2733  |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 4141                          | 4937  | 5173  | 5695  | 6452  | 6878  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 2169                          | 2169  | 2210  | 2222  | 2277  | 2557  |
| Combustible fuels                                      | 1282                          | 1282  | 1323  | 1335  | 1390  | 1669  |
| Hydro                                                  | 879                           | 879   | 879   | 879   | 879   | 879   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 8                             | 8     | 8     | 8     | 8     | 9     |
| Main activity                                          | 2146                          | 2146  | 2187  | 2199  | 2254  | 2534  |
| Combustible fuels                                      | 1259                          | 1259  | 1300  | 1312  | 1367  | 1646  |
| Hydro                                                  | 879                           | 879   | 879   | 879   | 879   | 879   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 8                             | 8     | 8     | 8     | 8     | 9     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | 86                            | 86    | 94    | 86    | 43    | 65    |
| Fuel oil                                               | 889                           | 40    | 10    | 121   | 3919  | 4198  |
| Natural gas                                            | 73437                         | 64874 | 69186 | 70954 | 81008 | 78540 |
| Vegetal waste                                          | 1941                          | 4815  | 3475  | 4145  | 6088  | 8309  |
| <b>Total input</b>                                     | 76354                         | 69815 | 72765 | 75306 | 91057 | 91113 |
| <b>Total production</b>                                | 29066                         | 25546 | 25911 | 28394 | 32166 | 34566 |
| <b>Estimated efficiency (% of production to input)</b> | 38                            | 37    | 36    | 38    | 35    | 38    |

## Statistics on electricity

### Croatia

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |        |        |
| Total main activity and autoproducer                   | 11984                         | 13632 | 12760 | 13385 | 15210  | 14220  |
| Combustible fuels                                      | 5193                          | 4435  | 5185  | 5665  | 5681   | 6284   |
| Hydro                                                  | 5508                          | 7785  | 5933  | 5810  | 7229   | 5574   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..     | ..     |
| Other                                                  | 1283                          | 1412  | 1642  | 1910  | 2300   | 2362   |
| Main activity                                          | 11564                         | 13259 | 12385 | 12980 | 14865  | 13937  |
| Combustible fuels                                      | 4779                          | 4068  | 4816  | 5266  | 5341   | 6003   |
| Hydro                                                  | 5502                          | 7779  | 5927  | 5805  | 7223   | 5571   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..     | ..     |
| Other                                                  | 1283                          | 1412  | 1642  | 1910  | 2300   | 2362   |
| Own use in electricity, CHP and heat plants            | 461                           | 450   | 510   | 510   | 482    | 524    |
| Net production                                         | 11523                         | 13182 | 12250 | 12875 | 14728  | 13696  |
| Imports                                                | 12158                         | 12693 | 11401 | 10491 | 11505  | 11920  |
| Exports                                                | 5204                          | 7306  | 5268  | 5852  | 7544   | 7225   |
| Losses                                                 | 1765                          | 1824  | 1659  | 1725  | 1691   | 1659   |
| Consumption                                            | 16711                         | 16745 | 16724 | 15789 | 16999  | 16732  |
| Energy industries own use                              | 733                           | 570   | 569   | 574   | 503    | 487    |
| By industry and construction                           | 3607                          | 3683  | 3613  | 3575  | 3786   | 3423   |
| By transport                                           | 267                           | 282   | 273   | 262   | 285    | 289    |
| By households and other cons.                          | 12104                         | 12210 | 12270 | 11378 | 12425  | 12533  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |        |        |
| Total main activity and autoproducer                   | 4970                          | 5006  | 4712  | 4662  | 4873   | 4974   |
| Combustible fuels                                      | 2141                          | 2142  | 1771  | 1543  | 1537   | 1550   |
| Hydro                                                  | 2193                          | 2200  | 2200  | 2200  | 2201   | 2206   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..     | ..     |
| Other                                                  | 636                           | 664   | 741   | 920   | 1135   | 1219   |
| Main activity                                          | 4811                          | 4841  | 4547  | 4498  | 4733   | 4834   |
| Combustible fuels                                      | 1984                          | 1980  | 1609  | 1381  | 1400   | 1412   |
| Hydro                                                  | 2190                          | 2197  | 2197  | 2197  | 2198   | 2203   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..     | ..     |
| Other                                                  | 636                           | 664   | 741   | 920   | 1135   | 1219   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |        |        |
| Hard Coal                                              | 13219                         | 12359 | 14263 | 10909 | 13072  | 13794  |
| Brown Coal                                             | 144                           | 108   | 99    | 48    | ..     | ..     |
| Biogas                                                 | 2612                          | 3028  | 3380  | 3425  | 4094   | 3730   |
| Gas-diesel oil                                         | 73                            | 39    | 43    | 47    | 17     | 658    |
| Fuel oil                                               | 1693                          | 319   | 226   | 113   | 109    | 307    |
| Refinery gas                                           | 228                           | 233   | 59    | 144   | 124    | 74     |
| Natural gas                                            | 31889                         | 24895 | 27273 | 33607 | 31477  | 35076  |
| Fuelwood                                               | *4245                         | *7004 | *8984 | *9524 | *11188 | *13289 |
| <b>Total input</b>                                     | 54103                         | 47984 | 54329 | 57818 | 60080  | 66929  |
| <b>Total production</b>                                | 18695                         | 15964 | 18667 | 20394 | 20453  | 22624  |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 33    | 34    | 35    | 34     | 34     |

## Statistics on electricity

### Cuba

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022    |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |         |
| Total main activity and autoproducer                   | 20558                         | 20837  | 20706  | 19071  | 17966  | 15874   |
| Combustible fuels                                      | 20394                         | 20524  | 20331  | 18698  | 17581  | 15512   |
| Hydro                                                  | 83                            | 146    | 125    | 112    | 120    | 120     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..      |
| Other                                                  | *81                           | *168   | *251   | *261   | *265   | 242     |
| Main activity                                          | 19595                         | 20074  | 19861  | 18157  | 17105  | 15028   |
| Combustible fuels                                      | 19431                         | 19761  | 19486  | 17784  | 16720  | 14666   |
| Hydro                                                  | 83                            | 146    | 125    | 112    | 120    | 120     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..      |
| Other                                                  | *81                           | *168   | *251   | *261   | *265   | 242     |
| Own use in electricity, CHP and heat plants            | 1891                          | 1958   | 1944   | 1999   | 1860   | 1732    |
| Net production                                         | 18667                         | 18879  | 18762  | 17072  | 16106  | 14142   |
| Imports                                                | ..                            | ..     | 449    | 1402   | 1385   | 2591    |
| Exports                                                | ..                            | ..     | ..     | ..     | ..     | ..      |
| Losses                                                 | 3177                          | 3290   | 3429   | 3427   | 3623   | 3428    |
| Consumption                                            | 15490                         | 15589  | 15691  | 14972  | 13739  | 13226   |
| Energy industries own use                              | ..                            | ..     | ..     | ..     | ..     | ..      |
| By industry and construction                           | 3067                          | 3060   | 2930   | 2514   | 1993   | 1759    |
| By transport                                           | 293                           | 290    | 288    | 257    | 266    | 259     |
| By households and other cons.                          | 12130                         | 12239  | 12473  | 12202  | 11480  | 11208   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |         |
| Total main activity and autoproducer                   | 6476                          | 6661   | 6508   | 6660   | 6767   | 6236    |
| Combustible fuels                                      | 6325                          | 6458   | 6285   | 6374   | 6461   | 5909    |
| Hydro                                                  | 66                            | 64     | 64     | 65     | 65     | 65      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..      |
| Other                                                  | *85                           | *139   | *159   | *222   | *242   | 263     |
| Main activity                                          | 5945                          | 6108   | 6049   | 6095   | 6198   | 5270    |
| Combustible fuels                                      | 5794                          | 5905   | 5826   | 5809   | 5892   | 4943    |
| Hydro                                                  | 66                            | 64     | 64     | 65     | 65     | 65      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..      |
| Other                                                  | *85                           | *139   | *159   | *222   | *242   | 263     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |         |
| Biogas                                                 | ..                            | ..     | 45     | *286   | *1944  | *2083   |
| Gas-diesel oil                                         | 22545                         | 27825  | 19322  | 16383  | 25675  | *20227  |
| Fuel oil                                               | 143973                        | 148147 | 129322 | 150753 | 158283 | *171054 |
| Natural gas                                            | *15456                        | *16840 | *24946 | *20628 | *15547 | 19463   |
| Bagasse                                                | *12996                        | *10298 | *11363 | *13547 | *10378 | *6626   |
| <b>Total input</b>                                     | 194971                        | 203110 | 184999 | 201597 | 211827 | *219452 |
| <b>Total production</b>                                | 73418                         | 73885  | 73191  | 67314  | 63291  | 55843   |
| <b>Estimated efficiency (% of production to input)</b> | 38                            | 36     | 40     | 33     | 30     | 25      |

## Statistics on electricity

### Curaçao

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 891                           | 866  | 879  | 839  | 846  | 867  |
| Combustible fuels                                      | 702                           | 612  | 646  | 621  | 622  | 650  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 189                           | 254  | 233  | 219  | 224  | 217  |
| Main activity                                          | 817                           | 752  | 836  | 815  | 832  | 865  |
| Combustible fuels                                      | 628                           | 498  | 604  | 596  | 608  | 648  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 189                           | 254  | 233  | 219  | 224  | 217  |
| Own use in electricity, CHP and heat plants            | 18                            | 17   | 18   | 17   | 17   | 17   |
| Net production                                         | 874                           | 849  | 862  | 822  | 829  | 850  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 98                            | 95   | 96   | 92   | 93   | 95   |
| Consumption                                            | 776                           | 754  | 765  | 730  | 736  | 754  |
| Energy industries own use                              | 40                            | 37   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 203                           | 183  | 237  | 207  | 234  | 254  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 533                           | 533  | 528  | 524  | 502  | 500  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | *230                          | *231 | *231 | 232  | *232 | *232 |
| Combustible fuels                                      | *172                          | *172 | *172 | 172  | *172 | *172 |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 58                            | 58   | 58   | 60   | *60  | *60  |
| Main activity                                          | *175                          | *176 | *176 | 178  | *178 | *178 |
| Combustible fuels                                      | *118                          | *118 | *118 | 118  | *118 | *118 |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 58                            | 58   | 58   | 60   | *60  | *60  |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 2004                          | 2810 | 5135 | 4751 | 5639 | 5923 |
| Fuel oil                                               | 5363                          | 3649 | 2091 | 1180 | 1428 | 1086 |
| <b>Total input</b>                                     | 7367                          | 6459 | 7227 | 5931 | 7067 | 7009 |
| <b>Total production</b>                                | 2528                          | 2204 | 2327 | 2234 | 2239 | 2341 |
| <b>Estimated efficiency (% of production to input)</b> | 34                            | 34   | 32   | 38   | 32   | 33   |

## Statistics on electricity

### Cyprus

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 5004                          | 5061  | 5141  | 4849  | 5119  | 5268  |
| Combustible fuels                                      | 4621                          | 4640  | 4685  | 4313  | 4405  | 4442  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 383                           | 421   | 457   | 536   | 715   | 826   |
| Main activity                                          | 4896                          | 4938  | 5003  | 4699  | 4894  | 4976  |
| Combustible fuels                                      | 4574                          | 4589  | 4633  | 4261  | 4352  | 4391  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 322                           | 349   | 370   | 438   | 542   | 585   |
| Own use in electricity, CHP and heat plants            | 226                           | 233   | 228   | 199   | 239   | 242   |
| Net production                                         | 4778                          | 4827  | 4914  | 4650  | 4881  | 5025  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | 228                           | 158   | 184   | 240   | 224   | 144   |
| Consumption                                            | 4547                          | 4670  | 4730  | 4384  | 4656  | 4865  |
| Energy industries own use                              | 5                             | 6     | 7     | 7     | 7     | 6     |
| By industry and construction                           | 518                           | 530   | 532   | 532   | 555   | 583   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | 2     |
| By households and other cons.                          | 4024                          | 4135  | 4192  | 3845  | 4095  | 4273  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 1782                          | 1794  | 1819  | 1897  | 1983  | 2085  |
| Combustible fuels                                      | 1515                          | 1517  | 1510  | 1510  | 1511  | 1504  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 268                           | 276   | 309   | 387   | 472   | 582   |
| Main activity                                          | 1710                          | 1716  | 1726  | 1775  | 1826  | 1882  |
| Combustible fuels                                      | 1478                          | 1481  | 1481  | 1481  | 1480  | 1480  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 233                           | 236   | 246   | 295   | 346   | 402   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Biogas                                                 | 323                           | 347   | 345   | 337   | 336   | 319   |
| Gas-diesel oil                                         | 11044                         | 10668 | 11200 | 14798 | 12533 | 13831 |
| Fuel oil                                               | 31461                         | 32492 | 31148 | 24342 | 27457 | 26609 |
| <b>Total input</b>                                     | 42828                         | 43507 | 42693 | 39477 | 40326 | 40759 |
| <b>Total production</b>                                | 16635                         | 16704 | 16865 | 15527 | 15857 | 15991 |
| <b>Estimated efficiency (% of production to input)</b> | 39                            | 38    | 40    | 39    | 39    | 39    |

# Statistics on electricity

## Czechia

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 87056                         | 88038  | 87035  | 81525  | 85016  | 84848  |
| Combustible fuels                                      | 52783                         | 52338  | 50474  | 44933  | 47677  | 47346  |
| Hydro                                                  | 3040                          | 2679   | 3175   | 3437   | 3620   | 3083   |
| Nuclear                                                | 28340                         | 29921  | 30246  | 30043  | 30731  | 31022  |
| Other                                                  | 2894                          | 3099   | 3140   | 3112   | 2988   | 3397   |
| Main activity                                          | 77945                         | 79253  | 78298  | 72458  | 75838  | 77511  |
| Combustible fuels                                      | 44360                         | 44147  | 42409  | 36600  | 39302  | 40717  |
| Hydro                                                  | 2429                          | 2185   | 2600   | 2793   | 2927   | 2481   |
| Nuclear                                                | 28340                         | 29921  | 30246  | 30043  | 30731  | 31022  |
| Other                                                  | 2816                          | 3000   | 3043   | 3023   | 2878   | 3292   |
| Own use in electricity, CHP and heat plants            | 7165                          | 7152   | 6914   | 6450   | 6539   | 6653   |
| Net production                                         | 79892                         | 80886  | 80121  | 75075  | 78477  | 78195  |
| Imports                                                | 15072                         | 11573  | 11026  | 13368  | 15153  | 16726  |
| Exports                                                | 28109                         | 25481  | 24123  | 23521  | 26228  | 30255  |
| Losses                                                 | 4375                          | 4269   | 4300   | 4117   | 3651   | 3414   |
| Consumption                                            | 60663                         | 61207  | 61542  | 60242  | 62865  | 61167  |
| Energy industries own use                              | 3256                          | 3104   | 3126   | 3142   | 2882   | 2535   |
| By industry and construction                           | 23902                         | 24302  | 24277  | 23122  | 24570  | 24682  |
| By transport                                           | 1698                          | 1753   | 1767   | 1644   | 1718   | 1764   |
| By households and other cons.                          | 31807                         | 32047  | 32372  | 32334  | 33695  | 32185  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 22273                         | 22301  | 22023  | 21416  | 20980  | 21126  |
| Combustible fuels                                      | 13334                         | 13350  | 13031  | 12384  | 11874  | 11792  |
| Hydro                                                  | 2265                          | 2264   | 2265   | 2265   | 2285   | 2285   |
| Nuclear                                                | 4290                          | 4290   | 4290   | 4290   | 4290   | 4290   |
| Other                                                  | 2384                          | 2397   | 2437   | 2477   | 2530   | 2760   |
| Main activity                                          | 20337                         | 20373  | 20098  | 19596  | 19190  | 19343  |
| Combustible fuels                                      | 11582                         | 11605  | 11290  | 10748  | 10269  | 10194  |
| Hydro                                                  | 2081                          | 2081   | 2081   | 2081   | 2101   | 2100   |
| Nuclear                                                | 4290                          | 4290   | 4290   | 4290   | 4290   | 4290   |
| Other                                                  | 2384                          | 2397   | 2437   | 2477   | 2530   | 2760   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 81242                         | 63568  | 44608  | 40481  | 52529  | 44879  |
| Brown Coal                                             | 417690                        | 424949 | 392506 | 324139 | 347130 | 383604 |
| Biogas                                                 | 18808                         | 18899  | 18072  | 18443  | 18306  | 18612  |
| Refinery gas                                           | 891                           | 990    | 1139   | 743    | 941    | 693    |
| Natural gas                                            | 36325                         | 36523  | 50251  | 59542  | 65724  | 40160  |
| Coke-oven gas                                          | 6613                          | 6199   | 5634   | 5477   | 6278   | 5828   |
| Blast furnace gas                                      | 6694                          | 7565   | 6343   | 6417   | 7468   | 6320   |
| Fuelwood                                               | *27123                        | *25858 | *28868 | *30812 | *33379 | *33300 |
| Municipal waste                                        | 4868                          | 4524   | 4798   | 5203   | 5207   | 5150   |
| Other recovered gases                                  | 1127                          | 1258   | 1209   | 733    | 753    | 686    |
| Others                                                 | 16427                         | 14633  | 13616  | 10325  | 1251   | 1202   |
| <b>Total input</b>                                     | 617808                        | 604965 | 567044 | 502314 | 538968 | 540433 |
| <b>Total production</b>                                | 190019                        | 188417 | 181706 | 161757 | 171637 | 170444 |
| <b>Estimated efficiency (% of production to input)</b> | 31                            | 31     | 32     | 32     | 32     | 32     |

# Statistics on electricity

## Dem. Rep. of the Congo

| Item                                                   | 2017                          | 2018  | 2019  | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|-------|-------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |        |        |        |
| Total main activity and autoproducer                   | 9450                          | 10556 | 11491 | 12460  | 13135  | 13200  |
| Combustible fuels                                      | 6                             | 39    | 8     | 7      | 3      | 6      |
| Hydro                                                  | 9444                          | 10516 | 11483 | 12453  | 13131  | 13192  |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..     | ..     |
| Other                                                  | 0                             | 0     | 0     | 0      | 1      | 2      |
| Main activity                                          | 9450                          | 10523 | 11491 | 12460  | 13135  | 13200  |
| Combustible fuels                                      | 6                             | 7     | 8     | 7      | 3      | 6      |
| Hydro                                                  | 9444                          | 10516 | 11483 | 12453  | 13131  | 13192  |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..     | ..     |
| Other                                                  | 0                             | 0     | 0     | 0      | 1      | 2      |
| Own use in electricity, CHP and heat plants            | 18                            | 10    | 23    | 26     | 26     | 26     |
| Net production                                         | 9433                          | 10545 | 11468 | 12434  | 13109  | 13174  |
| Imports                                                | 806                           | 829   | 1005  | 1189   | 1189   | 1164   |
| Exports                                                | 45                            | 75    | 69    | 50     | 50     | 50     |
| Losses                                                 | 458                           | *656  | 1008  | 1098   | 2018   | 1318   |
| Consumption                                            | *9313                         | 10732 | 11589 | *12194 | *12194 | *12970 |
| Energy industries own use                              | 17                            | 21    | 25    | 27     | *28    | *28    |
| By industry and construction                           | *4039                         | *4755 | *5380 | *6306  | *6306  | *7081  |
| By transport                                           | ..                            | ..    | ..    | ..     | ..     | ..     |
| By households and other cons.                          | *5258                         | 5956  | 6184  | *5861  | *5861  | *5861  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |        |        |        |
| Total main activity and autoproducer                   | 2457                          | 2634  | 2610  | 2820   | *2973  | *2987  |
| Combustible fuels                                      | 29                            | 56    | 32    | 32     | *32    | *32    |
| Hydro                                                  | 2427                          | 2577  | 2577  | 2787   | *2939  | *2953  |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..     | ..     |
| Other                                                  | *1                            | *1    | *1    | 1      | 1      | 2      |
| Main activity                                          | 2457                          | 2609  | 2610  | 2820   | *2973  | *2987  |
| Combustible fuels                                      | 29                            | 32    | 32    | 32     | *32    | *32    |
| Hydro                                                  | 2427                          | 2577  | 2577  | 2787   | *2939  | *2953  |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..     | ..     |
| Other                                                  | *1                            | *1    | *1    | 1      | 1      | 2      |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |        |        |        |
| Gas-diesel oil                                         | 56                            | 59    | 76    | 63     | 24     | 49     |
| Bagasse                                                | ..                            | *586  | ..    | ..     | ..     | ..     |
| <b>Total input</b>                                     | 56                            | *645  | 76    | 63     | 24     | 49     |
| <b>Total production</b>                                | 23                            | 141   | 31    | 25     | 10     | 20     |
| <b>Estimated efficiency (% of production to input)</b> | 40                            | 22    | 40    | 40     | 41     | 40     |

# Statistics on electricity

## Denmark

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 31023                         | 30370  | 29517  | 28729  | 33051  | 35129  |
| Combustible fuels                                      | 15473                         | 15500  | 12387  | 11201  | 15671  | 13884  |
| Hydro                                                  | 18                            | 15     | 17     | 17     | 16     | 15     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 15531                         | 14855  | 17113  | 17511  | 17363  | 21230  |
| Main activity                                          | 28192                         | 27273  | 26315  | 25310  | 29487  | 30660  |
| Combustible fuels                                      | 13394                         | 13356  | 10148  | 8963   | 13416  | 11618  |
| Hydro                                                  | 18                            | 15     | 17     | 17     | 16     | 15     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 14780                         | 13902  | 16150  | 16330  | 16054  | 19028  |
| Own use in electricity, CHP and heat plants            | 1384                          | 1054   | 833    | 859    | 1141   | 1034   |
| Net production                                         | 29638                         | 29315  | 28684  | 27870  | 31910  | 34096  |
| Imports                                                | 15218                         | 15634  | 15982  | 18594  | 20120  | 18752  |
| Exports                                                | 10655                         | 10409  | 10171  | 11711  | 15251  | 17390  |
| Losses                                                 | 1659                          | 2089   | 1865   | 2425   | 1842   | 1842   |
| Consumption                                            | 32297                         | 32105  | 32174  | 31414  | 33618  | 32264  |
| Energy industries own use                              | 1223                          | 1187   | 1425   | 1174   | 1511   | 1660   |
| By industry and construction                           | 8573                          | 8640   | 8316   | 8523   | 9033   | 8795   |
| By transport                                           | 439                           | 440    | 462    | 525    | 681    | 885    |
| By households and other cons.                          | 22062                         | 21838  | 21972  | 21193  | 22393  | 20924  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 14318                         | 15013  | 15005  | 15180  | 16394  | 18037  |
| Combustible fuels                                      | 7916                          | 7863   | 7772   | 7569   | 7465   | 7437   |
| Hydro                                                  | 7                             | 7      | 7      | 7      | 7      | 7      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 6395                          | 7143   | 7225   | 7603   | 8922   | 10594  |
| Main activity                                          | 12782                         | 13345  | 13320  | 13272  | 14001  | 13972  |
| Combustible fuels                                      | 7286                          | 7223   | 7202   | 7006   | 6910   | 6882   |
| Hydro                                                  | 7                             | 7      | 7      | 7      | 7      | 7      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 5489                          | 6115   | 6111   | 6259   | 7084   | 7084   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 60485                         | 68306  | 33508  | 28634  | 40691  | 42111  |
| Biogas                                                 | 5044                          | 5371   | 5450   | 5787   | 5405   | 4976   |
| Gas-diesel oil                                         | 463                           | 357    | 614    | 451    | 395    | 626    |
| Fuel oil                                               | 1248                          | 1063   | 844    | 917    | 843    | 1433   |
| Refinery gas                                           | 1357                          | 1491   | 1461   | 1560   | 1586   | 1558   |
| Natural gas                                            | 21735                         | 21473  | 21330  | 12271  | 15282  | 9935   |
| Fuelwood                                               | *60359                        | *59101 | *60812 | *63606 | *87373 | *73789 |
| Vegetal waste                                          | 0                             | 0      | 0      | 0      | 0      | 0      |
| Municipal waste                                        | 34723                         | 33573  | 35095  | 35390  | 34371  | 34259  |
| Other liquid biofuels                                  | 9                             | 10     | 0      | 0      | 0      | 0      |
| Others                                                 | 20                            | 1      | ..     | ..     | ..     | ..     |
| <b>Total input</b>                                     | 185443                        | 190746 | 159115 | 148615 | 185946 | 168686 |
| <b>Total production</b>                                | 55704                         | 55800  | 44593  | 40323  | 56416  | 49983  |
| <b>Estimated efficiency (% of production to input)</b> | 30                            | 29     | 28     | 27     | 30     | 30     |



# Statistics on electricity

## Djibouti

| Item                                                   | 2017                          | 2018 | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |       |       |       |       |
| Total main activity and autoproducer                   | 60                            | 66   | 126   | 102   | 196   | *199  |
| Combustible fuels                                      | 60                            | 66   | 126   | 102   | 126   | *128  |
| Hydro                                                  | ..                            | ..   | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 1    | 1     | 1     | 70    | *71   |
| Main activity                                          | 60                            | 66   | 126   | 102   | 196   | *199  |
| Combustible fuels                                      | 60                            | 66   | 126   | 102   | 126   | *128  |
| Hydro                                                  | ..                            | ..   | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Other                                                  | 1                             | 1    | 1     | 1     | 70    | *71   |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0     | 0     | 0     | 0     |
| Net production                                         | 60                            | 66   | 126   | 102   | 196   | *199  |
| Imports                                                | 507                           | 515  | 480   | 526   | 528   | 609   |
| Exports                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Losses                                                 | *106                          | *112 | *104  | *111  | *116  | *154  |
| Consumption                                            | *461                          | *469 | *502  | *517  | *608  | *654  |
| Energy industries own use                              | ..                            | ..   | ..    | ..    | ..    | ..    |
| By industry and construction                           | ..                            | ..   | ..    | ..    | ..    | ..    |
| By transport                                           | ..                            | ..   | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *461                          | *469 | *502  | *517  | *608  | *654  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |       |       |       |       |
| Total main activity and autoproducer                   | 130                           | 130  | 130   | 130   | *150  | *150  |
| Combustible fuels                                      | 130                           | 130  | 130   | 130   | *130  | *130  |
| Hydro                                                  | ..                            | ..   | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0    | 0     | 0     | 20    | 20    |
| Main activity                                          | 130                           | 130  | 130   | 130   | *150  | *150  |
| Combustible fuels                                      | 130                           | 130  | 130   | 130   | *130  | *130  |
| Hydro                                                  | ..                            | ..   | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0    | 0     | 0     | 20    | 20    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |       |       |       |       |
| Gas-diesel oil                                         | *602                          | *675 | *1256 | *1045 | *1260 | *1269 |
| <b>Total input</b>                                     | *602                          | *675 | *1256 | *1045 | *1260 | *1269 |
| <b>Total production</b>                                | 214                           | 237  | 452   | 366   | 454   | *461  |
| <b>Estimated efficiency (% of production to input)</b> | 36                            | 35   | 36    | 35    | 36    | 36    |

# Statistics on electricity

## Dominica

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 131                           | *110 | 138  | 142  | 146  | 147  |
| Combustible fuels                                      | 103                           | *85  | 117  | 122  | 125  | 123  |
| Hydro                                                  | 27                            | 24   | 20   | 19   | 20   | 23   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 1    | 1    | 2    | *2   |
| Main activity                                          | 87                            | 66   | 94   | 98   | 102  | 102  |
| Combustible fuels                                      | 58                            | 41   | 73   | 78   | 81   | 78   |
| Hydro                                                  | 27                            | 24   | 20   | 19   | 20   | 23   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 1    | 1    | 2    | *2   |
| Own use in electricity, CHP and heat plants            | 5                             | 4    | *5   | *5   | *4   | *5   |
| Net production                                         | 126                           | *106 | 133  | 137  | 142  | 142  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 5                             | 6    | *8   | *8   | *8   | *8   |
| Consumption                                            | *122                          | *101 | *126 | *129 | *134 | *134 |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | *21                           | *22  | *27  | *28  | *28  | *28  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | *101                          | *79  | *99  | *101 | *106 | *106 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 42                            | 42   | 42   | 44   | 44   | 41   |
| Combustible fuels                                      | 35                            | 35   | 35   | 36   | 36   | 34   |
| Hydro                                                  | 7                             | 7    | 7    | 7    | 7    | 7    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 1    | 1    | 1    | 1    |
| Main activity                                          | 28                            | 27   | 27   | 29   | 29   | 26   |
| Combustible fuels                                      | 20                            | 20   | 20   | 22   | 22   | 19   |
| Hydro                                                  | 7                             | 7    | 7    | 7    | 7    | 7    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 1    | 1    | 1    | 1    | 1    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 559                           | 404  | 712  | 758  | 788  | 766  |
| Fuel oil                                               | *489                          | *500 | *502 | *485 | *485 | *481 |
| <b>Total input</b>                                     | 1048                          | *903 | 1214 | 1243 | 1273 | 1246 |
| <b>Total production</b>                                | 369                           | *307 | 422  | 439  | 450  | 442  |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 34   | 35   | 35   | 35   | 35   |

# Statistics on electricity

## Dominican Republic

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 19036                         | 19651  | 21200  | 19495  | 21397  | 21420  |
| Combustible fuels                                      | 16309                         | 17144  | 18820  | 16533  | 17866  | 18302  |
| Hydro                                                  | 2196                          | 1780   | 1298   | 1575   | 1859   | 1298   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 530                           | 728    | 1082   | 1388   | 1672   | 1820   |
| Main activity                                          | 17117                         | 17640  | 17929  | 17978  | 19805  | 19579  |
| Combustible fuels                                      | 14489                         | 15288  | 15697  | 15164  | 16452  | 16771  |
| Hydro                                                  | 2190                          | 1773   | 1298   | 1575   | 1859   | 1298   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 438                           | 580    | 933    | 1240   | 1494   | 1510   |
| Own use in electricity, CHP and heat plants            | 665                           | 693    | 747    | 687    | 632    | 581    |
| Net production                                         | 18371                         | 18958  | 20452  | 18808  | 20765  | 20839  |
| Imports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Exports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Losses                                                 | 2473                          | 2549   | 2750   | 2529   | 2326   | 2139   |
| Consumption                                            | 15887                         | 16409  | 16816  | 16746  | 18764  | 19312  |
| Energy industries own use                              | ..                            | ..     | ..     | ..     | ..     | ..     |
| By industry and construction                           | 5612                          | 5789   | 5931   | 5911   | 6622   | 6815   |
| By transport                                           | 51                            | 57     | 64     | 51     | 61     | 63     |
| By households and other cons.                          | 10224                         | 10563  | 10821  | 10784  | 12081  | 12434  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 5133                          | 5276   | 6010   | 5691   | 5679   | 5749   |
| Combustible fuels                                      | 4276                          | 4271   | 4995   | 4427   | 4380   | 4304   |
| Hydro                                                  | 619                           | 619    | 623    | 623    | 623    | 623    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 238                           | 387    | 392    | 641    | 675    | 822    |
| Main activity                                          | 3839                          | 3971   | 4639   | 4835   | 4873   | 4939   |
| Combustible fuels                                      | 3057                          | 3082   | 3740   | 3687   | 3675   | 3599   |
| Hydro                                                  | 617                           | 617    | 623    | 623    | 623    | 623    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 165                           | 271    | 276    | 525    | 575    | 717    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 26458                         | 25143  | 39207  | 65692  | 63420  | 78827  |
| Biogas                                                 | *157                          | *157   | *157   | *157   | *160   | *160   |
| Motor gasoline                                         | 647                           | 638    | 600    | 236    | 603    | 600    |
| Gas-diesel oil                                         | 13077                         | 15240  | 14041  | 3304   | 2217   | 12692  |
| Fuel oil                                               | 55756                         | 69764  | 66586  | 31575  | 32449  | 33064  |
| Natural gas                                            | 40211                         | 39774  | 49398  | 55589  | 68623  | 49398  |
| Bagasse                                                | 1958                          | 2640   | 3288   | 2671   | 3823   | 3299   |
| Vegetal waste                                          | 142                           | 151    | *150   | *150   | *150   | *150   |
| <b>Total input</b>                                     | 138406                        | 153507 | 173427 | 159374 | 171446 | 178189 |
| <b>Total production</b>                                | 58714                         | 61717  | 67751  | 59519  | 64316  | 65886  |
| <b>Estimated efficiency (% of production to input)</b> | 42                            | 40     | 39     | 37     | 38     | 37     |

## Statistics on electricity

### Ecuador

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 28033                         | 29244 | 32284 | 31248 | 32214 | 33008 |
| Combustible fuels                                      | 7833                          | 8447  | 7520  | 6800  | 6541  | 8274  |
| Hydro                                                  | 20089                         | 20678 | 24641 | 24333 | 25575 | 24635 |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 111                           | 118   | 123   | 115   | 99    | 99    |
| Main activity                                          | 23006                         | 23750 | 26369 | 25612 | 25971 | 26804 |
| Combustible fuels                                      | 3878                          | 4318  | 3266  | 2751  | 2089  | 3767  |
| Hydro                                                  | 19017                         | 19313 | 22980 | 22747 | 23783 | 22937 |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 111                           | 118   | 123   | 115   | 99    | 99    |
| Own use in electricity, CHP and heat plants            | 383                           | 414   | 380   | 317   | 271   | 333   |
| Net production                                         | 27650                         | 28829 | 31904 | 30931 | 31944 | 32675 |
| Imports                                                | 19                            | 106   | 6     | 251   | 364   | 466   |
| Exports                                                | 212                           | 256   | 1827  | 1341  | 524   | 192   |
| Losses                                                 | 3516                          | 3783  | 4278  | 4421  | 4645  | 4955  |
| Consumption                                            | 23972                         | 24908 | 25816 | 25418 | 26976 | 27797 |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 9469                          | 9998  | 10390 | 10143 | 11388 | 11802 |
| By transport                                           | 10                            | 11    | 11    | 11    | 11    | 11    |
| By households and other cons.                          | 14494                         | 14898 | 15415 | 15264 | 15577 | 15984 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 7445                          | 8048  | 8073  | 8095  | 8101  | 8220  |
| Combustible fuels                                      | 2912                          | 2964  | 2978  | 2983  | 2981  | 2991  |
| Hydro                                                  | 4486                          | 5036  | 5047  | 5064  | 5072  | 5151  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 47                            | 48    | 48    | 48    | 48    | 77    |
| Main activity                                          | 6236                          | 6731  | 6727  | 6764  | 6724  | 6832  |
| Combustible fuels                                      | 1879                          | 1874  | 1860  | 1889  | 1841  | 1841  |
| Hydro                                                  | 4310                          | 4809  | 4819  | 4826  | 4835  | 4914  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 47                            | 48    | 48    | 48    | 48    | 77    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Biogas                                                 | 567                           | 925   | 867   | 929   | 885   | 873   |
| Crude oil                                              | 14061                         | 15659 | 16505 | 16632 | 16076 | 17591 |
| Gas-diesel oil                                         | 14792                         | 15622 | 17393 | 16480 | 17155 | 21586 |
| Fuel oil                                               | 21146                         | 27762 | 20004 | 15573 | 13943 | 25532 |
| Liquefied petroleum gas                                | 686                           | 763   | 609   | 643   | 600   | 527   |
| Other oil products                                     | 3949                          | 3970  | 2168  | 1331  | 1652  | 2016  |
| Natural gas                                            | 23122                         | 19864 | 17752 | 15330 | 15272 | 13534 |
| Bagasse                                                | 3075                          | 2730  | 2952  | 3045  | 2661  | 2052  |
| <b>Total input</b>                                     | 81399                         | 87296 | 78249 | 69963 | 68244 | 83710 |
| <b>Total production</b>                                | 28200                         | 30410 | 27073 | 24480 | 23547 | 29787 |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 35    | 35    | 35    | 35    | 36    |

## Statistics on electricity

### Egypt

| Item                                                   | 2017                          | 2018    | 2019    | 2020    | 2021    | 2022    |
|--------------------------------------------------------|-------------------------------|---------|---------|---------|---------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |         |         |         |         |
| Total main activity and autoproducer                   | 195150                        | 202838  | 194279  | 197201  | 204637  | 214050  |
| Combustible fuels                                      | 179520                        | 187341  | 175998  | 173500  | 179666  | 188867  |
| Hydro                                                  | 12850                         | 12726   | 13121   | 15038   | 14769   | 14646   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 2780                          | 2771    | 5160    | 8663    | 10202   | 10537   |
| Main activity                                          | 189550                        | 196760  | 182725  | 185793  | 193449  | 205160  |
| Combustible fuels                                      | 173920                        | 181263  | 164444  | 162092  | 168478  | 179977  |
| Hydro                                                  | 12850                         | 12726   | 13121   | 15038   | 14769   | 14646   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 2780                          | 2771    | 5160    | 8663    | 10202   | 10537   |
| Own use in electricity, CHP and heat plants            | 7903                          | 6156    | 6386    | 5919    | 1910    | 6701    |
| Net production                                         | 187247                        | 196682  | 187893  | 191282  | 202727  | 207349  |
| Imports                                                | 65                            | 81      | 74      | 95      | 176     | 95      |
| Exports                                                | 333                           | 425     | 360     | 885     | 1643    | 1589    |
| Losses                                                 | 34012                         | *30502  | 31623   | 33117   | 36083   | *33500  |
| Consumption                                            | 151606                        | 165610  | 156340  | 157435  | 158046  | 172355  |
| Energy industries own use                              | ..                            | ..      | ..      | ..      | ..      | ..      |
| By industry and construction                           | 41479                         | 43623   | 46884   | 42616   | 43505   | 45701   |
| By transport                                           | 534                           | 321     | 530     | 549     | 788     | *800    |
| By households and other cons.                          | 109593                        | 121666  | 108925  | 114270  | 113753  | 125854  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |         |         |         |         |
| Total main activity and autoproducer                   | 47056                         | 56574   | 58353   | 59530   | 58819   | 61914   |
| Combustible fuels                                      | 43369                         | 52585   | 53394   | 53802   | 52971   | 55818   |
| Hydro                                                  | 2800                          | 2832    | 2832    | 2832    | 2832    | 2832    |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 887                           | 1157    | 2127    | 2896    | 3016    | 3264    |
| Main activity                                          | 45008                         | 54526   | 56305   | 57482   | 56771   | 59866   |
| Combustible fuels                                      | 41321                         | 50537   | 51346   | 51754   | 50923   | 53770   |
| Hydro                                                  | 2800                          | 2832    | 2832    | 2832    | 2832    | 2832    |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 887                           | 1157    | 2127    | 2896    | 3016    | 3264    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |         |         |         |         |
| Gas-diesel oil                                         | 9632                          | 2331    | 976     | 198     | 882     | 855     |
| Fuel oil                                               | 228826                        | 97311   | 75063   | 23622   | 138976  | 194121  |
| Natural gas                                            | 1312666                       | 1303341 | 1504109 | 1335003 | 1407195 | 1184131 |
| Bagasse                                                | *5668                         | *5730   | *5753   | *5830   | *5869   | *5869   |
| <b>Total input</b>                                     | 1556792                       | 1408713 | 1585901 | 1364653 | 1552921 | 1384976 |
| <b>Total production</b>                                | 646272                        | 674428  | 633594  | 624600  | 646798  | 679921  |
| <b>Estimated efficiency (% of production to input)</b> | 42                            | 48      | 40      | 46      | 42      | 49      |

## Statistics on electricity

### El Salvador

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 5494                          | 5397  | 5921  | 6219  | 6361  | 7584  |
| Combustible fuels                                      | 2083                          | 1937  | 2538  | 1790  | 1888  | 2512  |
| Hydro                                                  | 1704                          | 1631  | 1522  | 2067  | 1817  | 2234  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1707                          | 1829  | 1861  | 2363  | 2657  | 2838  |
| Main activity                                          | 5326                          | 5131  | 5538  | 5709  | 5744  | 6891  |
| Combustible fuels                                      | 2043                          | 1910  | 2508  | 1763  | 1867  | 2489  |
| Hydro                                                  | 1619                          | 1548  | 1442  | 1985  | 1731  | 2147  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 1664                          | 1674  | 1588  | 1961  | 2147  | 2255  |
| Own use in electricity, CHP and heat plants            | 447                           | 397   | 249   | 242   | 276   | 257   |
| Net production                                         | 5046                          | 4999  | 5672  | 5977  | 6086  | 7326  |
| Imports                                                | 1675                          | 1824  | 1450  | 774   | 1316  | 706   |
| Exports                                                | 90                            | 65    | 158   | 131   | 34    | 338   |
| Losses                                                 | 651                           | 719   | 783   | 748   | 1026  | 785   |
| Consumption                                            | 6153                          | 6370  | 6343  | 5988  | 6571  | 7162  |
| Energy industries own use                              | ..                            | 146   | ..    | ..    | ..    | ..    |
| By industry and construction                           | 2057                          | 2150  | 2234  | 1900  | 1979  | 2305  |
| By transport                                           | ..                            | ..    | ..    | ..    | 0     | 0     |
| By households and other cons.                          | 4096                          | 4074  | 4109  | 4088  | 4592  | 4857  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 1932                          | 1995  | 2263  | 2357  | 2437  | 2842  |
| Combustible fuels                                      | 1043                          | 1071  | 1071  | 1071  | 1073  | 1452  |
| Hydro                                                  | 574                           | 572   | 572   | 572   | 572   | 572   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 314                           | 352   | 620   | 715   | 792   | 818   |
| Main activity                                          | 1580                          | 1588  | 1737  | 1783  | 1811  | 2189  |
| Combustible fuels                                      | 764                           | 771   | 771   | 771   | 771   | 1149  |
| Hydro                                                  | 552                           | 553   | 553   | 553   | 553   | 553   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 264                           | 264   | 413   | 459   | 487   | 487   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Biogas                                                 | 510                           | 495   | 570   | 423   | 382   | 406   |
| Gas-diesel oil                                         | ..                            | 43    | 10    | 27    | 21    | 9     |
| Fuel oil                                               | 11554                         | 9683  | 13210 | 8391  | 7080  | 4122  |
| Natural gas                                            | ..                            | ..    | ..    | ..    | 6     | 8125  |
| Bagasse                                                | 14073                         | 14379 | 14927 | 15321 | 15050 | 14837 |
| Animal waste                                           | ..                            | 12    | 13    | 5     | 24    | 66    |
| Municipal waste                                        | ..                            | 489   | 557   | 419   | 358   | 340   |
| <b>Total input</b>                                     | 26137                         | 25100 | 29287 | 24586 | 22920 | 27905 |
| <b>Total production</b>                                | 7499                          | 6972  | 9135  | 6443  | 6796  | 9042  |
| <b>Estimated efficiency (% of production to input)</b> | 29                            | 28    | 31    | 26    | 30    | 32    |

# Statistics on electricity

## Equatorial Guinea

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 1334                          | 1355   | *1912  | *2038  | *1770  | *1750  |
| Combustible fuels                                      | 896                           | 912    | *1292  | *1418  | *1150  | *1150  |
| Hydro                                                  | 438                           | 443    | *620   | *620   | *620   | *600   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Main activity                                          | 1334                          | 1355   | *1912  | *2038  | *1770  | *1750  |
| Combustible fuels                                      | 896                           | 912    | *1292  | *1418  | *1150  | *1150  |
| Hydro                                                  | 438                           | 443    | *620   | *620   | *620   | *600   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Own use in electricity, CHP and heat plants            | 44                            | 44     | *20    | *20    | *20    | *23    |
| Net production                                         | 1290                          | 1311   | *1892  | *2018  | *1750  | *1727  |
| Imports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Exports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Losses                                                 | 151                           | 138    | *140   | *151   | *151   | *150   |
| Consumption                                            | 1200                          | 1205   | *1752  | *1867  | *1599  | *1577  |
| Energy industries own use                              | *35                           | *35    | *35    | *35    | *35    | *40    |
| By industry and construction                           | 462                           | 402    | *681   | *727   | *620   | *609   |
| By transport                                           | ..                            | ..     | ..     | ..     | ..     | ..     |
| By households and other cons.                          | 703                           | 768    | *1036  | *1105  | *944   | *927   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 553                           | *554   | *554   | *554   | *554   | *554   |
| Combustible fuels                                      | 222                           | *222   | *222   | *222   | *222   | *222   |
| Hydro                                                  | 326                           | *327   | *327   | *327   | *327   | *327   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 5                             | *5     | *5     | *5     | *5     | *5     |
| Main activity                                          | 553                           | *554   | *554   | *554   | *554   | *554   |
| Combustible fuels                                      | 222                           | *222   | *222   | *222   | *222   | *222   |
| Hydro                                                  | 326                           | *327   | *327   | *327   | *327   | *327   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 5                             | *5     | *5     | *5     | *5     | *5     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Gas-diesel oil                                         | *86                           | *86    | *86    | *86    | *86    | *86    |
| Natural gas                                            | *10640                        | *10831 | *15355 | *16863 | *13650 | *11706 |
| <b>Total input</b>                                     | *10726                        | *10917 | *15441 | *16949 | *13736 | *11792 |
| <b>Total production</b>                                | 3226                          | 3283   | *4652  | *5104  | *4140  | *4140  |
| <b>Estimated efficiency (% of production to input)</b> | 30                            | 30     | 30     | 30     | 30     | 35     |

## Statistics on electricity

### Eritrea

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 334                           | 352  | 362  | 372  | 383  | 400  |
| Combustible fuels                                      | 326                           | 340  | 350  | 361  | 371  | 388  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 8                             | 12   | 12   | 12   | 12   | 11   |
| Main activity                                          | 318                           | 333  | 343  | 354  | 363  | 380  |
| Combustible fuels                                      | 310                           | 321  | 331  | 342  | 352  | 368  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 8                             | 12   | 12   | 12   | 12   | 11   |
| Own use in electricity, CHP and heat plants            | 16                            | 17   | 17   | 18   | 18   | 19   |
| Net production                                         | 318                           | 335  | 345  | 355  | 365  | 381  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 42                            | 45   | 46   | 47   | 49   | 51   |
| Consumption                                            | 274                           | 289  | 297  | 306  | 315  | 329  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 48                            | 51   | 52   | 54   | 55   | 58   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 226                           | 238  | 245  | 252  | 259  | 271  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | *216                          | *224 | *226 | *230 | 242  | 243  |
| Combustible fuels                                      | *205                          | *205 | *205 | *207 | 217  | 217  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 11                            | 19   | 21   | 23   | 25   | 26   |
| Main activity                                          | *206                          | *214 | *216 | *218 | 230  | 231  |
| Combustible fuels                                      | *195                          | *195 | *195 | *195 | 205  | 205  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 11                            | 19   | 21   | 23   | 25   | 26   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 1295                          | 1441 | 1492 | 1483 | 1526 | 1597 |
| Fuel oil                                               | 1787                          | 2280 | 2373 | 2571 | 2832 | 3017 |
| <b>Total input</b>                                     | 3082                          | 3721 | 3865 | 4054 | 4358 | 4613 |
| <b>Total production</b>                                | 1173                          | 1223 | 1259 | 1298 | 1336 | 1398 |
| <b>Estimated efficiency (% of production to input)</b> | 38                            | 33   | 33   | 32   | 31   | 30   |



## Statistics on electricity

### Estonia

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 13160                         | 12364  | 7616   | 6078   | 7204   | 8937   |
| Combustible fuels                                      | 12397                         | 11682  | 6836   | 4959   | 6095   | 7650   |
| Hydro                                                  | 26                            | 15     | 19     | 30     | 23     | 23     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 737                           | 667    | 761    | 1089   | 1087   | 1264   |
| Main activity                                          | 12997                         | 12241  | 7521   | 5896   | 7029   | 8764   |
| Combustible fuels                                      | 12233                         | 11560  | 6745   | 4782   | 5923   | 7480   |
| Hydro                                                  | 26                            | 15     | 18     | 26     | 21     | 23     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 737                           | 666    | 759    | 1087   | 1085   | 1261   |
| Own use in electricity, CHP and heat plants            | 1912                          | 1431   | 1015   | 762    | 744    | 1413   |
| Net production                                         | 11248                         | 10933  | 6600   | 5317   | 6461   | 7524   |
| Imports                                                | 2281                          | 3053   | 4861   | 7367   | 7332   | 7183   |
| Exports                                                | 5015                          | 4950   | 2704   | 3723   | 4703   | 6172   |
| Losses                                                 | 779                           | 744    | 500    | 375    | 990    | 1228   |
| Consumption                                            | 7735                          | 7985   | 7787   | 7540   | 8135   | 7308   |
| Energy industries own use                              | 503                           | 494    | 470    | 360    | 251    | 166    |
| By industry and construction                           | 2281                          | 2360   | 2132   | 2129   | 2210   | 2089   |
| By transport                                           | 46                            | 43     | 56     | 68     | 30     | 32     |
| By households and other cons.                          | 4905                          | 5088   | 5129   | 4983   | 5644   | 5021   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 2542                          | 2820   | 2753   | 2751   | 2439   | 2579   |
| Combustible fuels                                      | 2208                          | 2470   | 2303   | 2205   | 1693   | 1699   |
| Hydro                                                  | 7                             | 7      | 6      | 8      | 6      | 8      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 327                           | 343    | 444    | 538    | 740    | 872    |
| Main activity                                          | 2516                          | 2794   | 2729   | 2727   | 2415   | 2546   |
| Combustible fuels                                      | 2183                          | 2445   | 2280   | 2182   | 1670   | 1668   |
| Hydro                                                  | 7                             | 7      | 6      | 8      | 6      | 8      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 325                           | 342    | 443    | 537    | 739    | 870    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Peat                                                   | 1258                          | 553    | 283    | 71     | 8      | 108    |
| Biogas                                                 | 214                           | 242    | 228    | 311    | 135    | 61     |
| Oil shale                                              | 111147                        | 100869 | 47165  | 25127  | 38218  | 52607  |
| Fuel oil                                               | 1256                          | 885    | 319    | 246    | 387    | 400    |
| Natural gas                                            | 527                           | 615    | 380    | 264    | 401    | 559    |
| Gasworks gas                                           | 2097                          | 3071   | 3086   | 2582   | 2617   | 2609   |
| Coke-oven gas                                          | 10646                         | 9735   | 9811   | 10340  | 8860   | 8257   |
| Fuelwood                                               | *12956                        | *18978 | *21669 | *23435 | *24360 | *22913 |
| Municipal waste                                        | 1666                          | 2086   | 2074   | 2545   | 2437   | 2370   |
| Industrial waste                                       | 338                           | 259    | ..     | ..     | ..     | ..     |
| Others                                                 | 88                            | ..     | ..     | ..     | ..     | ..     |
| <b>Total input</b>                                     | 142194                        | 137293 | 85015  | 64920  | 77424  | 89884  |
| <b>Total production</b>                                | 44629                         | 42057  | 24610  | 17854  | 21941  | 27539  |
| <b>Estimated efficiency (% of production to input)</b> | 31                            | 31     | 29     | 28     | 28     | 31     |

## Statistics on electricity

### Eswatini

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 415                           | 520  | 585  | 543  | 652  | 653  |
| Combustible fuels                                      | 297                           | 311  | 313  | 310  | 369  | 333  |
| Hydro                                                  | 118                           | 209  | 270  | 233  | 270  | 295  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | 0    | 2    | 0    | 13   | 25   |
| Main activity                                          | 117                           | 208  | 269  | 227  | 272  | 309  |
| Combustible fuels                                      | ..                            | ..   | ..   | ..   | ..   | ..   |
| Hydro                                                  | 117                           | 208  | 269  | 227  | 264  | 289  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | ..   | 0    | 8    | 21   |
| Own use in electricity, CHP and heat plants            | 9                             | 10   | 11   | 10   | 11   | 16   |
| Net production                                         | 406                           | 510  | 574  | 533  | 641  | 637  |
| Imports                                                | 1048                          | 1020 | 942  | 1044 | 914  | 902  |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 169                           | 195  | 182  | 230  | 145  | 160  |
| Consumption                                            | 1387                          | 1323 | 1343 | 1406 | 1532 | 1361 |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 541                           | 433  | 400  | 474  | 615  | 564  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | 0    |
| By households and other cons.                          | 846                           | 890  | 944  | 932  | 917  | 798  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | *177                          | 181  | 173  | *171 | *182 | 180  |
| Combustible fuels                                      | *115                          | 119  | 109  | *107 | *108 | 106  |
| Hydro                                                  | 62                            | 62   | 62   | 62   | 62   | 62   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | 0    | *2   | *2   | 12   | 12   |
| Main activity                                          | 71                            | 71   | 61   | 61   | 71   | 71   |
| Combustible fuels                                      | 10                            | *10  | ..   | ..   | ..   | ..   |
| Hydro                                                  | 61                            | 61   | 61   | 61   | 61   | 61   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | ..   | ..   | 10   | 10   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Hard Coal                                              | 422                           | 454  | 867  | 377  | 430  | 464  |
| Bagasse                                                | 2400                          | 2439 | 2643 | 2868 | 2446 | 2456 |
| <b>Total input</b>                                     | 2822                          | 2893 | 3510 | 3245 | 2876 | 2920 |
| <b>Total production</b>                                | 1069                          | 1120 | 1126 | 1115 | 1327 | 1199 |
| <b>Estimated efficiency (% of production to input)</b> | 38                            | 39   | 32   | 34   | 46   | 41   |

## Statistics on electricity

### Ethiopia

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 13264                         | 14554 | 15068 | 15823 | 15503 | 17338 |
| Combustible fuels                                      | 27                            | 31    | 35    | 30    | 26    | 2     |
| Hydro                                                  | 12681                         | 13655 | 14404 | 14943 | 14882 | 16771 |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 555                           | 868   | 629   | 850   | 594   | 565   |
| Main activity                                          | 13241                         | 14528 | 15038 | 15793 | 15479 | 17338 |
| Combustible fuels                                      | 4                             | 5     | 5     | 0     | 2     | 2     |
| Hydro                                                  | 12681                         | 13655 | 14404 | 14943 | 14882 | 16771 |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 555                           | 868   | 629   | 850   | 594   | 565   |
| Own use in electricity, CHP and heat plants            | 44                            | 67    | 81    | 88    | 79    | 62    |
| Net production                                         | 13220                         | 14487 | 14987 | 15735 | 15424 | 17276 |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | 1432                          | 1000  | 1145  | 1637  | 1665  | 1750  |
| Losses                                                 | 2945                          | 3171  | 3208  | 3050  | 3570  | 3999  |
| Consumption                                            | 8870                          | 10558 | 10933 | 11016 | 10231 | 11208 |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 2360                          | 2837  | 2938  | 2558  | 2824  | 3004  |
| By transport                                           | ..                            | ..    | ..    | ..    | 68    | 72    |
| By households and other cons.                          | 6510                          | 7721  | 7995  | 8458  | 7340  | 8133  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 4284                          | 4286  | 4293  | 4556  | 4564  | 5389  |
| Combustible fuels                                      | 127                           | 130   | 134   | *134  | *140  | *135  |
| Hydro                                                  | 3814                          | 3814  | 3817  | 4071  | 4071  | 4821  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 343                           | 342   | 342   | 351   | 352   | 432   |
| Main activity                                          | 4261                          | 4260  | 4263  | 4526  | 4539  | 5364  |
| Combustible fuels                                      | 104                           | 104   | 104   | *104  | *115  | *110  |
| Hydro                                                  | 3814                          | 3814  | 3817  | 4071  | 4071  | 4821  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 343                           | 342   | 342   | 351   | 352   | 432   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | 47                            | 51    | 56    | 59    | 63    | ..    |
| Fuel oil                                               | ..                            | ..    | ..    | 0     | 27    | 27    |
| Bagasse                                                | *517                          | *533  | *541  | *579  | *525  | 0     |
| <b>Total input</b>                                     | *565                          | *584  | *596  | *638  | *615  | 27    |
| <b>Total production</b>                                | 99                            | 111   | 127   | 108   | 93    | 9     |
| <b>Estimated efficiency (% of production to input)</b> | 17                            | 19    | 21    | 17    | 15    | 33    |

## Statistics on electricity

### Faeroe Islands

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 334                           | 352  | 386  | 407  | 424  | 434  |
| Combustible fuels                                      | 163                           | 180  | 230  | 251  | 269  | 213  |
| Hydro                                                  | 111                           | 108  | 104  | 109  | 100  | 131  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 60                            | 64   | 53   | 47   | 54   | 90   |
| Main activity                                          | 334                           | 352  | 386  | 407  | 424  | 434  |
| Combustible fuels                                      | 163                           | 180  | 230  | 251  | 269  | 213  |
| Hydro                                                  | 111                           | 108  | 104  | 109  | 100  | 131  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 60                            | 64   | 53   | 47   | 54   | 90   |
| Own use in electricity, CHP and heat plants            | 10                            | 11   | 12   | 11   | 11   | 12   |
| Net production                                         | 325                           | 341  | 374  | 395  | 413  | 422  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | *18                           | *20  | *23  | 25   | 25   | 27   |
| Consumption                                            | 306                           | 321  | 350  | 371  | 388  | 395  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 86                            | 82   | 95   | 97   | 101  | 101  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 221                           | 238  | 255  | 274  | 287  | 294  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 121                           | 121  | 131  | 168  | *168 | *204 |
| Combustible fuels                                      | 69                            | 69   | 78   | 115  | *115 | *142 |
| Hydro                                                  | 38                            | 38   | 38   | 38   | *38  | 40   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 14                            | 14   | 14   | 14   | *15  | 23   |
| Main activity                                          | 121                           | 121  | 131  | 168  | *168 | *204 |
| Combustible fuels                                      | 69                            | 69   | 78   | 115  | *115 | *142 |
| Hydro                                                  | 38                            | 38   | 38   | 38   | *38  | 40   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 14                            | 14   | 14   | 14   | *15  | 23   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 46                            | 64   | 187  | 24   | 59   | 69   |
| Fuel oil                                               | 1318                          | 1453 | 1787 | 2065 | 2131 | 1696 |
| <b>Total input</b>                                     | 1364                          | 1517 | 1974 | 2090 | 2190 | 1765 |
| <b>Total production</b>                                | 588                           | 648  | 828  | 903  | 969  | 766  |
| <b>Estimated efficiency (% of production to input)</b> | 43                            | 43   | 42   | 43   | 44   | 43   |

## Statistics on electricity

### Falkland Is. (Malvinas)

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 17                            | 18   | 18   | 18   | 19   | *19  |
| Combustible fuels                                      | 12                            | 12   | 13   | 14   | 14   | *14  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 6                             | 5    | 5    | 4    | 5    | 5    |
| Main activity                                          | 17                            | 18   | 18   | 18   | 19   | *19  |
| Combustible fuels                                      | 12                            | 12   | 13   | 14   | 14   | *14  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 6                             | 5    | 5    | 4    | 5    | 5    |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0    |
| Net production                                         | 17                            | 18   | 18   | 18   | 19   | *19  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | *1                            | *1   | *1   | *1   | *1   | *1   |
| Consumption                                            | *17                           | *16  | *17  | *17  | *17  | *18  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | *7                            | *7   | *7   | *7   | *8   | *8   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | *9                            | *9   | *10  | *10  | *10  | *10  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 9                             | 9    | 9    | *9   | 7    | 7    |
| Combustible fuels                                      | 7                             | 7    | 7    | *7   | 5    | 5    |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 2    | 2    | 2    | 2    | *2   |
| Main activity                                          | 9                             | 9    | 9    | *9   | 7    | 7    |
| Combustible fuels                                      | 7                             | 7    | 7    | *7   | 5    | 5    |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 2    | 2    | 2    | 2    | *2   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 114                           | 122  | 125  | 137  | 133  | *133 |
| <b>Total input</b>                                     | 114                           | 122  | 125  | 137  | 133  | *133 |
| <b>Total production</b>                                | 42                            | 44   | 46   | 50   | 51   | *52  |
| <b>Estimated efficiency (% of production to input)</b> | 37                            | 36   | 37   | 37   | 38   | 39   |

## Statistics on electricity

### Fiji

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 1017                          | 1045  | 1074  | 989   | 949   | 1093  |
| Combustible fuels                                      | 514                           | 464   | 498   | 417   | 389   | 483   |
| Hydro                                                  | 491                           | 567   | 559   | 558   | 548   | 598   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 11                            | 15    | 16    | *14   | 12    | *12   |
| Main activity                                          | 994                           | 1005  | 1025  | 922   | 888   | 1020  |
| Combustible fuels                                      | 491                           | 424   | 450   | 350   | 328   | 410   |
| Hydro                                                  | 491                           | 567   | 559   | 558   | 548   | 598   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 11                            | 15    | 16    | *14   | 12    | *12   |
| Own use in electricity, CHP and heat plants            | 12                            | 12    | 13    | 13    | 20    | 26    |
| Net production                                         | 1005                          | 1033  | 1061  | 976   | 929   | 1067  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *103                          | *108  | *111  | *102  | *100  | *106  |
| Consumption                                            | 902                           | 925   | 950   | 874   | 829   | 961   |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 222                           | 226   | 227   | 194   | 152   | 181   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 681                           | 699   | 723   | 680   | 677   | 780   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *360                          | *363  | *363  | *363  | *370  | *370  |
| Combustible fuels                                      | *194                          | *194  | *194  | *194  | *201  | *201  |
| Hydro                                                  | 138                           | 138   | 138   | 138   | 138   | 138   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | *28                           | *31   | *31   | *31   | *31   | *31   |
| Main activity                                          | *306                          | *309  | *309  | *309  | *309  | *309  |
| Combustible fuels                                      | *140                          | *140  | *140  | *140  | *140  | *140  |
| Hydro                                                  | 138                           | 138   | 138   | 138   | 138   | 138   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | *28                           | *31   | *31   | *31   | *31   | *31   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Hard coal briquettes                                   | 0                             | ..    | ..    | ..    | ..    | ..    |
| Gas-diesel oil                                         | *2021                         | *1739 | *1935 | *1462 | *1462 | *1677 |
| Fuel oil                                               | *2424                         | *2222 | *2222 | *2020 | *2101 | *2384 |
| Fuelwood                                               | *18                           | *18   | *18   | *18   | *18   | *18   |
| Bagasse                                                | *193                          | *386  | *425  | *425  | *386  | *463  |
| <b>Total input</b>                                     | *4656                         | *4365 | *4600 | *3925 | *3967 | *4542 |
| <b>Total production</b>                                | 1852                          | 1669  | 1794  | 1501  | 1400  | 1740  |
| <b>Estimated efficiency (% of production to input)</b> | 40                            | 38    | 39    | 38    | 35    | 38    |

## Statistics on electricity

### Finland

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022    |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |         |
| Total main activity and autoproducer                   | 67524                         | 70263  | 68650  | 69268  | 72121  | 72221   |
| Combustible fuels                                      | 25031                         | 27959  | 25923  | 21392  | 23671  | 20693   |
| Hydro                                                  | 14772                         | 13301  | 12421  | 15883  | 15792  | 13491   |
| Nuclear                                                | 22477                         | 22793  | 23870  | 23291  | 23598  | 25336   |
| Other                                                  | 5245                          | 6210   | 6436   | 8701   | 9060   | 12700   |
| Main activity                                          | 57691                         | 59552  | 57831  | 59189  | 61536  | 62706   |
| Combustible fuels                                      | 16460                         | 18484  | 16210  | 12790  | 14658  | 12699   |
| Hydro                                                  | 13769                         | 12357  | 11661  | 14789  | 14708  | 12543   |
| Nuclear                                                | 22477                         | 22793  | 23870  | 23291  | 23598  | 25336   |
| Other                                                  | 4985                          | 5918   | 6090   | 8319   | 8572   | 12127   |
| Own use in electricity, CHP and heat plants            | 2481                          | 2730   | 2597   | 2670   | 2798   | 3027    |
| Net production                                         | 65043                         | 67533  | 66053  | 66598  | 69323  | 69194   |
| Imports                                                | 22204                         | 22548  | 23938  | 21774  | 24492  | 19397   |
| Exports                                                | 1779                          | 2612   | 3896   | 6670   | 6724   | 6880    |
| Losses                                                 | 2768                          | 3024   | 3062   | 3149   | 3192   | 2786    |
| Consumption                                            | 82275                         | 84021  | 82640  | 78141  | 83301  | 78298   |
| Energy industries own use                              | 1236                          | 1252   | 1330   | 1243   | 1207   | 1431    |
| By industry and construction                           | 38709                         | 39487  | 38563  | 36089  | 38104  | 34766   |
| By transport                                           | 775                           | 843    | 859    | 816    | 927    | 1092    |
| By households and other cons.                          | 41555                         | 42439  | 41888  | 39993  | 43063  | 41009   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |         |
| Total main activity and autoproducer                   | 17058                         | 17018  | 17352  | 17301  | 17942  | 20602   |
| Combustible fuels                                      | 8997                          | 8901   | 8895   | 8439   | 8295   | 8254    |
| Hydro                                                  | 3156                          | 3152   | 3157   | 3164   | 3171   | 3171    |
| Nuclear                                                | 2779                          | 2784   | 2794   | 2794   | 2794   | 2794    |
| Other                                                  | 2126                          | 2181   | 2506   | 2904   | 3682   | 6383    |
| Main activity                                          | 14752                         | 14654  | 14894  | 14779  | 15402  | 17809   |
| Combustible fuels                                      | 6958                          | 6863   | 6860   | 6433   | 6355   | 6293    |
| Hydro                                                  | 2968                          | 2963   | 2949   | 2959   | 2989   | 2989    |
| Nuclear                                                | 2779                          | 2784   | 2794   | 2794   | 2794   | 2794    |
| Other                                                  | 2047                          | 2044   | 2291   | 2593   | 3264   | 5733    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |         |
| Hard Coal                                              | 68510                         | 66280  | 51236  | 30052  | 33436  | 41106   |
| Peat                                                   | 37002                         | 43281  | 38952  | 27899  | 25140  | 25852   |
| Biogas                                                 | 3500                          | 3600   | 3236   | 2773   | 2985   | 2389    |
| Gas-diesel oil                                         | 387                           | 516    | 559    | 602    | 688    | 989     |
| Fuel oil                                               | 3757                          | 1252   | 1333   | 970    | 889    | 1091    |
| Natural gas                                            | 31361                         | 38536  | 34502  | 36013  | 34052  | 8371    |
| Blast furnace gas                                      | 5407                          | 5989   | 4074   | 4541   | 6740   | 4477    |
| Fuelwood                                               | *102260                       | *95201 | *89164 | *75481 | *95466 | *92123  |
| Municipal waste                                        | 18058                         | 19776  | 18876  | 16556  | 19035  | 17504   |
| Black liquor                                           | *1108                         | *11628 | *16880 | *20810 | *23601 | *19409  |
| Others                                                 | 3380                          | 3308   | 3417   | 3166   | 2659   | 2638    |
| <b>Total input</b>                                     | 274730                        | 289367 | 262228 | 218862 | 244691 | *215948 |
| <b>Total production</b>                                | 90110                         | 100651 | 93323  | 77012  | 85216  | 74496   |
| <b>Estimated efficiency (% of production to input)</b> | 33                            | 35     | 36     | 35     | 35     | 34      |

## Statistics on electricity

### France

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 561943                        | 581685 | 570775 | 532255 | 555082 | 474744 |
| Combustible fuels                                      | 72878                         | 57647  | 62148  | 56864  | 58149  | 70176  |
| Hydro                                                  | 55135                         | 70472  | 61572  | 67094  | 63947  | 51049  |
| Nuclear                                                | 398359                        | 412942 | 399012 | 353833 | 379361 | 294731 |
| Other                                                  | 35570                         | 40625  | 48043  | 54464  | 53626  | 58788  |
| Main activity                                          | 544949                        | 560926 | 548408 | 510714 | 531395 | 446726 |
| Combustible fuels                                      | 59939                         | 41406  | 44743  | 40727  | 40002  | 48413  |
| Hydro                                                  | 54608                         | 69863  | 60977  | 66505  | 63386  | 50547  |
| Nuclear                                                | 398359                        | 412942 | 399012 | 353833 | 379361 | 294731 |
| Other                                                  | 32043                         | 36715  | 43676  | 49649  | 48646  | 53035  |
| Own use in electricity, CHP and heat plants            | 24126                         | 23987  | 23869  | 22513  | 22779  | 20102  |
| Net production                                         | 537817                        | 557698 | 546906 | 509742 | 532303 | 454642 |
| Imports                                                | 21119                         | 13512  | 15632  | 19536  | 24334  | 52437  |
| Exports                                                | 61248                         | 76479  | 73299  | 64575  | 69227  | 37493  |
| Losses                                                 | 38599                         | 38620  | 38093  | 35897  | 39194  | 35192  |
| Consumption                                            | 454565                        | 453173 | 446847 | 426561 | 448258 | 433036 |
| Energy industries own use                              | 15199                         | 16071  | 15142  | 15202  | 15186  | 18336  |
| By industry and construction                           | 116738                        | 116923 | 115656 | 105803 | 112729 | 107647 |
| By transport                                           | 10580                         | 10090  | 10081  | 8338   | 9507   | 10823  |
| By households and other cons.                          | 312048                        | 310089 | 305968 | 297218 | 310835 | 296230 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 133045                        | 134375 | 137170 | 138014 | 142184 | 148739 |
| Combustible fuels                                      | 21863                         | 20755  | 20786  | 20888  | 21023  | 21046  |
| Hydro                                                  | 25707                         | 25727  | 25868  | 25954  | 25991  | 25964  |
| Nuclear                                                | 63130                         | 63130  | 63130  | 61400  | 61400  | 61400  |
| Other                                                  | 22345                         | 24763  | 27386  | 29772  | 33770  | 40330  |
| Main activity                                          | 126400                        | 127381 | 129708 | 130290 | 134068 | 140000 |
| Combustible fuels                                      | 18232                         | 17079  | 16970  | 17154  | 17428  | 17337  |
| Hydro                                                  | 25517                         | 25542  | 25674  | 25760  | 25796  | 25764  |
| Nuclear                                                | 63130                         | 63130  | 63130  | 61400  | 61400  | 61400  |
| Other                                                  | 19520                         | 21630  | 23933  | 25976  | 29444  | 35499  |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 132117                        | 87707  | 42806  | 36909  | 61731  | 50692  |
| Biogas                                                 | 24315                         | 25846  | 27633  | 28652  | 32427  | 34219  |
| Gas-diesel oil                                         | 19137                         | 14409  | 17583  | 18727  | 18340  | 21026  |
| Fuel oil                                               | 36653                         | 29919  | 29621  | 27496  | 30039  | 31166  |
| Refinery gas                                           | 10350                         | 11937  | 13649  | 12760  | 11941  | 11879  |
| Natural gas                                            | 308539                        | 237065 | 302962 | 272893 | 256952 | 336445 |
| Blast furnace gas                                      | 18007                         | 21155  | 20461  | 16919  | 19111  | 15260  |
| Fuelwood                                               | *46830                        | *50930 | *51086 | 50131  | *54330 | 56264  |
| Municipal waste                                        | 90237                         | 91261  | 90797  | 87972  | 85819  | 87482  |
| Black liquor                                           | *13112                        | *8233  | *9500  | *8021  | *9008  | 11266  |
| Others                                                 | 18651                         | 10901  | *10429 | *10137 | *7817  | 11161  |
| <b>Total input</b>                                     | 717948                        | 589364 | 616527 | 570619 | 587514 | 666860 |
| <b>Total production</b>                                | 262362                        | 207528 | 223732 | 204711 | 209335 | 252634 |
| <b>Estimated efficiency (% of production to input)</b> | 37                            | 35     | 36     | 36     | 36     | 38     |



# Statistics on electricity

## French Polynesia

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 683                           | 680  | 695  | 668  | 672  | 680  |
| Combustible fuels                                      | 470                           | 475  | 494  | 464  | 482  | 436  |
| Hydro                                                  | 175                           | 164  | 159  | 159  | 142  | 194  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 37                            | 40   | 43   | 44   | 47   | 50   |
| Main activity                                          | 683                           | 680  | 695  | 668  | 672  | 680  |
| Combustible fuels                                      | 470                           | 475  | 494  | 464  | 482  | 436  |
| Hydro                                                  | 175                           | 164  | 159  | 159  | 142  | 194  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 37                            | 40   | 43   | 44   | 47   | 50   |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0    |
| Net production                                         | 683                           | 679  | 695  | 668  | 672  | 680  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 40                            | 39   | 38   | 39   | 39   | 37   |
| Consumption                                            | 638                           | 634  | 652  | 623  | 633  | 643  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 638                           | 634  | 652  | 623  | 633  | 643  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 310                           | 314  | 318  | 321  | 340  | *341 |
| Combustible fuels                                      | 228                           | 228  | 227  | 227  | 243  | *243 |
| Hydro                                                  | 47                            | 47   | 49   | 49   | 49   | *49  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 35                            | 38   | 41   | 45   | 49   | *49  |
| Main activity                                          | 310                           | 314  | 318  | 321  | 340  | *341 |
| Combustible fuels                                      | 228                           | 228  | 227  | 227  | 243  | *243 |
| Hydro                                                  | 47                            | 47   | 49   | 49   | 49   | *49  |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 35                            | 38   | 41   | 45   | 49   | *49  |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 1675                          | 1562 | 1605 | 1566 | 4362 | 4039 |
| Fuel oil                                               | 2750                          | 2743 | 2858 | 2705 | 136  | 0    |
| <b>Total input</b>                                     | 4425                          | 4305 | 4463 | 4270 | 4498 | 4039 |
| <b>Total production</b>                                | 1692                          | 1712 | 1777 | 1672 | 1735 | 1570 |
| <b>Estimated efficiency (% of production to input)</b> | 38                            | 40   | 40   | 39   | 39   | 39   |