

# Statistics on electricity

## Republic of Moldova

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 896                           | 954   | 941   | 983   | 1131  | 995   |
| Combustible fuels                                      | 839                           | 884   | 830   | 881   | 976   | 761   |
| Hydro                                                  | 48                            | 44    | 65    | 47    | 68    | 41    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 9                             | 26    | 46    | 55    | 87    | 193   |
| Main activity                                          | 841                           | 882   | 862   | 913   | 1022  | 829   |
| Combustible fuels                                      | 786                           | 827   | 777   | 835   | 919   | 715   |
| Hydro                                                  | 48                            | 44    | 65    | 47    | 68    | 41    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 7                             | 11    | 20    | 31    | 35    | 73    |
| Own use in electricity, CHP and heat plants            | 135                           | 132   | 157   | 148   | 124   | 106   |
| Net production                                         | 761                           | 822   | 784   | 835   | 1007  | 889   |
| Imports                                                | 3412                          | 3500  | 3501  | 3418  | 3607  | 3751  |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | 94    |
| Losses                                                 | 429                           | 441   | 425   | 404   | 435   | 463   |
| Consumption                                            | 3744                          | 3881  | 3860  | 3849  | 4179  | 4083  |
| Energy industries own use                              | 40                            | 40    | 47    | 42    | 51    | 42    |
| By industry and construction                           | 764                           | 771   | 740   | 705   | 751   | 722   |
| By transport                                           | 82                            | 72    | 45    | 42    | 46    | 48    |
| By households and other cons.                          | 2858                          | 2998  | 3028  | 3060  | 3331  | 3271  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 477                           | 478   | 486   | 490   | 528   | 649   |
| Combustible fuels                                      | 450                           | 425   | 430   | 428   | 432   | 471   |
| Hydro                                                  | 16                            | 16    | 16    | 16    | 16    | 16    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 11                            | 37    | 40    | 46    | 79    | 161   |
| Main activity                                          | 353                           | 358   | 363   | 372   | 379   | 438   |
| Combustible fuels                                      | 330                           | 330   | 330   | 330   | 330   | 362   |
| Hydro                                                  | 16                            | 16    | 16    | 16    | 16    | 16    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 7                             | 12    | 17    | 26    | 32    | 60    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Hard Coal                                              | 0                             | 0     | 0     | 0     | 0     | 0     |
| Biogas                                                 | 282                           | 313   | 292   | 293   | 279   | 294   |
| Crude oil                                              | ..                            | ..    | ..    | ..    | ..    | 0     |
| Gas-diesel oil                                         | 0                             | 0     | 9     | 9     | 9     | 9     |
| Fuel oil                                               | 404                           | 283   | 81    | 16    | 695   | 3232  |
| Other oil products                                     | 0                             | 0     | ..    | 0     | ..    | ..    |
| Natural gas                                            | 11511                         | 12292 | 10935 | 11112 | 11733 | 7128  |
| Fuelwood                                               | 0                             | 0     | ..    | ..    | 0     | 0     |
| Vegetal waste                                          | 0                             | 0     | 0     | 0     | 0     | 0     |
| <b>Total input</b>                                     | 12197                         | 12888 | 11316 | 11430 | 12715 | 10663 |
| <b>Total production</b>                                | 3020                          | 3182  | 2988  | 3172  | 3514  | 2740  |
| <b>Estimated efficiency (% of production to input)</b> | 25                            | 25    | 26    | 28    | 28    | 26    |

## Statistics on electricity

### Romania

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 64296                         | 64876  | 59623  | 55935  | 59470  | 56003  |
| Combustible fuels                                      | 28672                         | 27308  | 23787  | 20088  | 22162  | 21569  |
| Hydro                                                  | 14853                         | 18097  | 16006  | 15701  | 17745  | 14360  |
| Nuclear                                                | 11509                         | 11377  | 11280  | 11466  | 11284  | 11089  |
| Other                                                  | 9262                          | 8093   | 8550   | 8679   | 8279   | 8985   |
| Main activity                                          | 57283                         | 57482  | 53218  | 48648  | 51052  | 47411  |
| Combustible fuels                                      | 22374                         | 20509  | 18072  | 13527  | 14902  | 13865  |
| Hydro                                                  | 14609                         | 17859  | 15736  | 15432  | 17433  | 14139  |
| Nuclear                                                | 11509                         | 11377  | 11280  | 11466  | 11284  | 11089  |
| Other                                                  | 8791                          | 7736   | 8130   | 8222   | 7432   | 8318   |
| Own use in electricity, CHP and heat plants            | 4941                          | 4701   | 4446   | 4011   | 4834   | 4998   |
| Net production                                         | 59355                         | 60176  | 55177  | 51924  | 54636  | 51005  |
| Imports                                                | 4842                          | 3697   | 5493   | 8252   | 8697   | 8653   |
| Exports                                                | 7735                          | 6241   | 3975   | 5459   | 6499   | 7429   |
| Losses                                                 | 6994                          | 7056   | 6501   | 6202   | 6198   | 5462   |
| Consumption                                            | 49327                         | 50341  | 50172  | 48479  | 50056  | 45906  |
| Energy industries own use                              | 4628                          | 4774   | 4598   | 4454   | 4008   | 3175   |
| By industry and construction                           | 21724                         | 22225  | 21949  | 20244  | 21103  | 18096  |
| By transport                                           | 1089                          | 1056   | 1060   | 1086   | 1325   | 1204   |
| By households and other cons.                          | 21886                         | 22285  | 22564  | 22695  | 23620  | 23430  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 23574                         | 23552  | 20899  | 20584  | 18799  | 19346  |
| Combustible fuels                                      | 11067                         | 11022  | 8366   | 8126   | 6316   | 6448   |
| Hydro                                                  | 6692                          | 6701   | 6686   | 6652   | 6662   | 6663   |
| Nuclear                                                | 1411                          | 1411   | 1411   | 1411   | 1411   | 1411   |
| Other                                                  | 4404                          | 4418   | 4435   | 4395   | 4409   | 4824   |
| Main activity                                          | 20551                         | 20568  | 18638  | 18029  | 16128  | 16789  |
| Combustible fuels                                      | 8908                          | 8873   | 6670   | 6309   | 4463   | 4839   |
| Hydro                                                  | 6610                          | 6618   | 6603   | 6566   | 6576   | 6569   |
| Nuclear                                                | 1411                          | 1411   | 1411   | 1411   | 1411   | 1411   |
| Other                                                  | 3621                          | 3666   | 3954   | 3743   | 3679   | 3969   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Brown Coal                                             | 194597                        | 182821 | 177525 | 119040 | 134200 | 124831 |
| Biogas                                                 | 469                           | 466    | 372    | 475    | 767    | 925    |
| Gas-diesel oil                                         | 39                            | 34     | 75     | 72     | 28     | 63     |
| Fuel oil                                               | 512                           | 991    | 334    | 461    | 298    | 138    |
| Refinery gas                                           | 4258                          | 4195   | 6969   | 4235   | 4390   | 4751   |
| Petroleum coke                                         | 3621                          | 3495   | 2212   | 1429   | 1124   | 1711   |
| Natural gas                                            | 121683                        | 121155 | 101530 | 108256 | 99443  | 95850  |
| Blast furnace gas                                      | 1023                          | 1425   | 1525   | 1674   | 2016   | 1443   |
| Fuelwood                                               | *6471                         | *6223  | *6392  | *6615  | *8172  | *7948  |
| Industrial waste                                       | 0                             | 0      | 0      | 0      | 0      | 0      |
| Others                                                 | 0                             | 0      | 1      | 0      | 0      | 0      |
| <b>Total input</b>                                     | 332674                        | 320804 | 296934 | 242256 | 250438 | 237659 |
| <b>Total production</b>                                | 103218                        | 98311  | 85631  | 72318  | 79783  | 77647  |
| <b>Estimated efficiency (% of production to input)</b> | 31                            | 31     | 29     | 30     | 32     | 33     |

## Statistics on electricity

### Russian Federation

| Item                                                   | 2017                          | 2018     | 2019    | 2020    | 2021     | 2022     |
|--------------------------------------------------------|-------------------------------|----------|---------|---------|----------|----------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |          |         |         |          |          |
| Total main activity and autoproducer                   | 1094289                       | 1115093  | 1121492 | 1089668 | 1159417  | 1151156  |
| Combustible fuels                                      | 702882                        | 716119   | 713955  | 655850  | 713687   | 719871   |
| Hydro                                                  | 187131                        | 193027   | 196510  | 214388  | 216392   | 199361   |
| Nuclear                                                | 203143                        | 204569   | 208984  | 215745  | 223372   | 223372   |
| Other                                                  | 1133                          | 1378     | 2043    | 3685    | 5966     | 8552     |
| Main activity                                          | 1021908                       | 1039647  | 1044968 | 1018570 | 1078820  | 1069982  |
| Combustible fuels                                      | 631728                        | 641826   | 638607  | 586036  | 634387   | 639891   |
| Hydro                                                  | 185904                        | 191873   | 195334  | 213104  | 215095   | 198167   |
| Nuclear                                                | 203143                        | 204569   | 208984  | 215745  | 223372   | 223372   |
| Other                                                  | 1133                          | 1378     | 2043    | 3685    | 5966     | 8552     |
| Own use in electricity, CHP and heat plants            | 70589                         | 70556    | 70240   | 68247   | 72616    | 72003    |
| Net production                                         | 1023700                       | 1044537  | 1051252 | 1021421 | 1086801  | 1079153  |
| Imports                                                | 6410                          | 5177     | 1618    | 1378    | 1564     | 1574     |
| Exports                                                | 17006                         | 17779    | 20049   | 12116   | 22903    | 17970    |
| Losses                                                 | 105261                        | 103119   | 99077   | 95572   | 97829    | 98500    |
| Consumption                                            | 904191                        | 924909   | 930536  | 912224  | 964175   | 982504   |
| Energy industries own use                              | 143306                        | 165327   | 174900  | 164761  | 156554   | 159685   |
| By industry and construction                           | 338785                        | 340296   | 340553  | 333135  | 363034   | 366270   |
| By transport                                           | 77587                         | 82010    | 81628   | 77401   | 82060    | 85159    |
| By households and other cons.                          | 344513                        | 337277   | 333455  | 336926  | 362526   | 371390   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |          |         |         |          |          |
| Total main activity and autoproducer                   | 267639                        | 271600   | 302074  | *302703 | *304020  | *303335  |
| Combustible fuels                                      | 187701                        | 190215   | 217060  | *217060 | *217060  | *217060  |
| Hydro                                                  | 51241                         | 51333    | 52757   | 52889   | 52963    | 51860    |
| Nuclear                                                | 27952                         | 29140    | 30300   | *30300  | *30300   | *30300   |
| Other                                                  | 746                           | 913      | 1957    | 2454    | 3697     | 4115     |
| Main activity                                          | 242389                        | 245977   | 276452  | *277081 | *278398  | *277713  |
| Combustible fuels                                      | 162912                        | 165054   | 191900  | *191900 | *191900  | *191900  |
| Hydro                                                  | 50779                         | 50871    | 52295   | 52427   | 52501    | 51398    |
| Nuclear                                                | 27952                         | 29140    | 30300   | *30300  | *30300   | *30300   |
| Other                                                  | 746                           | 913      | 1957    | 2454    | 3697     | 4115     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |          |         |         |          |          |
| Hard Coal                                              | 1428813                       | 1614200  | 1626872 | 1598465 | 1703014  | 1695040  |
| Brown Coal                                             | 925259                        | 924413   | 895957  | 781095  | 801649   | 786034   |
| Peat                                                   | 5112                          | 5516     | 6826    | 6001    | 5781     | 5312     |
| Gas-diesel oil                                         | 57375                         | 54739    | 53879   | 47144   | 56102    | 63342    |
| Fuel oil                                               | 57422                         | 61414    | 50392   | 44093   | 43652    | 41566    |
| Other oil products                                     | ..                            | 24094    | 24894   | 21782   | 25921    | 23854    |
| Natural gas                                            | 7154601                       | 7880840  | 7106519 | 6850957 | 7870144  | 7362371  |
| Coke-oven gas                                          | 64978                         | 63008    | 61762   | 58118   | 54981    | 65721    |
| Blast furnace gas                                      | 63194                         | 56448    | 60593   | 61541   | 62053    | 58850    |
| Industrial waste                                       | 90703                         | 97637    | 97637   | 99338   | 107437   | 102222   |
| Others                                                 | 3486                          | 1950     | 4593    | 4514    | 5316     | 4876     |
| <b>Total input</b>                                     | 9850943                       | 10784260 | 9989925 | 9573050 | 10736051 | 10209187 |
| <b>Total production</b>                                | 2530374                       | 2578027  | 2570238 | 2361059 | 2569273  | 2591536  |
| <b>Estimated efficiency (% of production to input)</b> | 26                            | 24       | 26      | 25      | 24       | 25       |

## Statistics on electricity

### Rwanda

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 700                           | 759   | 798   | 838   | 976   | 1101  |
| Combustible fuels                                      | 349                           | 403   | 393   | 326   | 414   | 529   |
| Hydro                                                  | 334                           | 338   | 387   | 494   | 545   | 555   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 17                            | 18    | 18    | 18    | 18    | 18    |
| Main activity                                          | 698                           | 757   | 796   | 836   | 974   | 1099  |
| Combustible fuels                                      | 347                           | 401   | 391   | 324   | 412   | 527   |
| Hydro                                                  | 334                           | 338   | 387   | 494   | 545   | 555   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 17                            | 18    | 18    | 18    | 18    | 18    |
| Own use in electricity, CHP and heat plants            | 25                            | 2     | *3    | *3    | 10    | 11    |
| Net production                                         | 675                           | 757   | 795   | 835   | 966   | 1090  |
| Imports                                                | 82                            | 96    | 99    | 28    | 31    | 32    |
| Exports                                                | 4                             | 5     | 6     | 6     | 9     | 9     |
| Losses                                                 | 156                           | 166   | 167   | *164  | *191  | *201  |
| Consumption                                            | 597                           | 682   | *722  | *693  | 788   | 926   |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 161                           | 196   | 200   | 219   | 256   | 296   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 435                           | 486   | *522  | *474  | 531   | 630   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 209                           | 226   | 228   | 238   | *239  | 277   |
| Combustible fuels                                      | 111                           | 121   | 122   | 122   | *122  | 143   |
| Hydro                                                  | 86                            | 92    | 95    | 105   | *105  | 122   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 12                            | 12    | 12    | 12    | *12   | 12    |
| Main activity                                          | 208                           | 225   | 227   | 237   | *238  | 276   |
| Combustible fuels                                      | 110                           | 120   | 121   | 121   | *121  | 142   |
| Hydro                                                  | 86                            | 92    | 95    | 105   | *105  | 122   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 12                            | 12    | 12    | 12    | *12   | 12    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Peat                                                   | *225                          | *459  | *640  | *385  | *630  | *1987 |
| Gas-diesel oil                                         | *1476                         | *1692 | *1446 | *980  | *1617 | *2003 |
| Natural gas                                            | *1700                         | *1900 | *1870 | *1800 | *1850 | *1839 |
| Bagasse                                                | *36                           | *36   | *36   | *36   | *36   | *36   |
| <b>Total input</b>                                     | *3437                         | *4087 | *3993 | *3201 | *4133 | *5865 |
| <b>Total production</b>                                | 1257                          | 1451  | 1416  | 1173  | 1489  | 1905  |
| <b>Estimated efficiency (% of production to input)</b> | 37                            | 36    | 35    | 37    | 36    | 32    |

# Statistics on electricity

## Saint Barthélemy

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022  |
|--------------------------------------------------------|-------------------------------|------|------|------|------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |       |
| Total main activity and autoproducer                   | 107                           | 101  | 116  | 121  | 133  | 140   |
| Combustible fuels                                      | 107                           | 101  | 116  | 121  | 133  | 140   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0     |
| Main activity                                          | 107                           | 101  | 116  | 121  | 133  | 140   |
| Combustible fuels                                      | 107                           | 101  | 116  | 121  | 133  | 140   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0     |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0     |
| Net production                                         | 107                           | 101  | 116  | 121  | 133  | 140   |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Losses                                                 | *8                            | *7   | *8   | *8   | *9   | *9    |
| Consumption                                            | *100                          | *94  | *108 | *113 | *124 | *131  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..    |
| By industry and construction                           | *10                           | *9   | *13  | *12  | *14  | *15   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..    |
| By households and other cons.                          | *90                           | *85  | *95  | *101 | *110 | *116  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |       |
| Total main activity and autoproducer                   | 34                            | 34   | 34   | 34   | 34   | 34    |
| Combustible fuels                                      | 34                            | 34   | 34   | 34   | 34   | 34    |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0     |
| Main activity                                          | 34                            | 34   | 34   | 34   | 34   | 34    |
| Combustible fuels                                      | 34                            | 34   | 34   | 34   | 34   | 34    |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |       |
| Fuel oil                                               | 961                           | 900  | 1040 | 1084 | 1076 | *1193 |
| <b>Total input</b>                                     | 961                           | 900  | 1040 | 1084 | 1076 | *1193 |
| <b>Total production</b>                                | 385                           | 363  | 417  | 436  | 479  | 505   |
| <b>Estimated efficiency (% of production to input)</b> | 40                            | 40   | 40   | 40   | 44   | 42    |

# Statistics on electricity

## Saint Martin (French Part)

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 170                           | 148   | 168   | 173   | 178   | 182   |
| Combustible fuels                                      | 170                           | 148   | 168   | 172   | 177   | 181   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 0     | 1     | *1    | *1    |
| Main activity                                          | 170                           | 148   | 168   | 173   | 178   | 182   |
| Combustible fuels                                      | 170                           | 148   | 168   | 172   | 177   | 181   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 0     | 1     | *1    | *1    |
| Own use in electricity, CHP and heat plants            | 0                             | 0     | 0     | 0     | 0     | 0     |
| Net production                                         | 170                           | 148   | 168   | 173   | 178   | 182   |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *11                           | *10   | *11   | *12   | *12   | *12   |
| Consumption                                            | *159                          | *138  | *157  | *161  | *166  | *170  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *36                           | *23   | *33   | *34   | *37   | *39   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *123                          | *115  | *124  | *127  | *129  | *132  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 57                            | 57    | 57    | 58    | 58    | 58    |
| Combustible fuels                                      | 57                            | 57    | 57    | 57    | 57    | 57    |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 1     | 1     | 1     | 1     |
| Main activity                                          | 57                            | 57    | 57    | 58    | 58    | 58    |
| Combustible fuels                                      | 57                            | 57    | 57    | 57    | 57    | 57    |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 1     | 1     | 1     | 1     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Fuel oil                                               | *1519                         | *1341 | *1507 | *1535 | *1580 | *1592 |
| <b>Total input</b>                                     | *1519                         | *1341 | *1507 | *1535 | *1580 | *1592 |
| <b>Total production</b>                                | 612                           | 533   | 603   | 619   | 637   | 652   |
| <b>Estimated efficiency (% of production to input)</b> | 40                            | 40    | 40    | 40    | 40    | 41    |

# Statistics on electricity

## Samoa

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 154                           | 154  | 169  | 172  | 171  | 172  |
| Combustible fuels                                      | 108                           | 89   | 96   | 107  | 94   | 114  |
| Hydro                                                  | 26                            | 43   | 50   | 41   | 55   | 35   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 20                            | 21   | 24   | 24   | 22   | 22   |
| Main activity                                          | 154                           | 154  | 169  | 172  | 171  | 172  |
| Combustible fuels                                      | 108                           | 89   | 96   | 107  | 94   | 114  |
| Hydro                                                  | 26                            | 43   | 50   | 41   | 55   | 35   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 20                            | 21   | 24   | 24   | 22   | 22   |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 1    | 0    |
| Net production                                         | 154                           | 154  | 169  | 172  | 170  | 171  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 16                            | 15   | 17   | 16   | 18   | 18   |
| Consumption                                            | 138                           | 138  | 152  | 157  | 152  | 154  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 11                            | 10   | 10   | 10   | 8    | 9    |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 128                           | 129  | 142  | 147  | 145  | 145  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 53                            | *54  | *56  | *58  | *59  | *60  |
| Combustible fuels                                      | *23                           | *23  | *23  | *24  | *24  | *25  |
| Hydro                                                  | 13                            | 13   | 14   | 14   | 14   | 14   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 18                            | *19  | *19  | *21  | *21  | *21  |
| Main activity                                          | 53                            | *54  | *56  | *58  | *59  | *60  |
| Combustible fuels                                      | *23                           | *23  | *23  | *24  | *24  | *25  |
| Hydro                                                  | 13                            | 13   | 14   | 14   | 14   | 14   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 18                            | *19  | *19  | *21  | *21  | *21  |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 1038                          | 1047 | 808  | 716  | 999  | 865  |
| Vegetal waste                                          | ..                            | ..   | ..   | *1   | *3   | *3   |
| <b>Total input</b>                                     | 1038                          | 1047 | 808  | 716  | 1002 | 868  |
| <b>Total production</b>                                | 387                           | 322  | 344  | 385  | 337  | 411  |
| <b>Estimated efficiency (% of production to input)</b> | 37                            | 31   | 43   | 54   | 34   | 47   |

# Statistics on electricity

## Sao Tome and Principe

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 109                           | *110  | 110   | *110  | *106  | *110  |
| Combustible fuels                                      | 104                           | *103  | 103   | *105  | *101  | *108  |
| Hydro                                                  | 5                             | 6     | 6     | 5     | 5     | 2     |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 0     | 0     | 0     | *1    |
| Main activity                                          | 109                           | *110  | 110   | *110  | *106  | *110  |
| Combustible fuels                                      | 104                           | *103  | 103   | *105  | *101  | *108  |
| Hydro                                                  | 5                             | 6     | 6     | 5     | 5     | 2     |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 0     | 0     | 0     | *1    |
| Own use in electricity, CHP and heat plants            | 4                             | *4    | 7     | 7     | 7     | *8    |
| Net production                                         | 105                           | *105  | 102   | *103  | *99   | *103  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *40                           | *40   | *34   | 33    | 34    | 25    |
| Consumption                                            | *65                           | *65   | *69   | *70   | *65   | *78   |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *3                            | *3    | *3    | *3    | *3    | *3    |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *62                           | *63   | *66   | *67   | *62   | *75   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *29                           | *29   | *29   | 40    | 40    | 40    |
| Combustible fuels                                      | *26                           | *26   | *26   | 37    | 37    | 37    |
| Hydro                                                  | 2                             | 2     | 2     | 2     | *2    | *2    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 0     | 0     | 0     | *1    |
| Main activity                                          | *29                           | *29   | *29   | 40    | 40    | 40    |
| Combustible fuels                                      | *26                           | *26   | *26   | 37    | 37    | 37    |
| Hydro                                                  | 2                             | 2     | 2     | 2     | *2    | *2    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 0     | 0     | 0     | *1    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | 1109                          | *1075 | *1075 | *1092 | *1045 | *1118 |
| <b>Total input</b>                                     | 1109                          | *1075 | *1075 | *1092 | *1045 | *1118 |
| <b>Total production</b>                                | 374                           | *372  | 372   | *379  | *362  | *388  |
| <b>Estimated efficiency (% of production to input)</b> | 34                            | 35    | 35    | 35    | 35    | 35    |



# Statistics on electricity

## Saudi Arabia

| Item                                                   | 2017                          | 2018    | 2019     | 2020     | 2021     | 2022    |
|--------------------------------------------------------|-------------------------------|---------|----------|----------|----------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |          |          |          |         |
| Total main activity and autoproducer                   | 379443                        | 359257  | 367816   | 367498   | 379045   | 437654  |
| Combustible fuels                                      | 379373                        | 359038  | 367341   | 366563   | 377682   | 435126  |
| Hydro                                                  | ..                            | ..      | ..       | ..       | ..       | ..      |
| Nuclear                                                | ..                            | ..      | ..       | ..       | ..       | ..      |
| Other                                                  | 70                            | *219    | *475     | *935     | *1363    | 2528    |
| Main activity                                          | 262234                        | 238096  | 238215   | 239562   | 249499   | 320632  |
| Combustible fuels                                      | 262164                        | 237877  | 237740   | 238627   | 248136   | 318104  |
| Hydro                                                  | ..                            | ..      | ..       | ..       | ..       | ..      |
| Nuclear                                                | ..                            | ..      | ..       | ..       | ..       | ..      |
| Other                                                  | 70                            | *219    | *475     | *935     | *1363    | 2528    |
| Own use in electricity, CHP and heat plants            | 15708                         | 15326   | 21265    | 20470    | 20408    | 18815   |
| Net production                                         | 363735                        | 343931  | 346551   | 347028   | 358637   | 418839  |
| Imports                                                | 3                             | 351     | 337      | 464      | 308      | 308     |
| Exports                                                | 38                            | 385     | 33       | 832      | 352      | 352     |
| Losses                                                 | 29648                         | 29286   | 31055    | 35779    | *37104   | 37991   |
| Consumption                                            | 330583                        | 312579  | 301613   | 300691   | 314750   | 335276  |
| Energy industries own use                              | 13731                         | 13402   | 13043    | 11387    | 13188    | 14422   |
| By industry and construction                           | *57276                        | *58192  | *56485   | *57853   | *58704   | 46941   |
| By transport                                           | ..                            | ..      | ..       | ..       | ..       | ..      |
| By households and other cons.                          | 259576                        | 240985  | 232085   | 231451   | 242858   | 273913  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |          |          |          |         |
| Total main activity and autoproducer                   | 98131                         | 96259   | 110085   | 113376   | 117425   | *117425 |
| Combustible fuels                                      | 98094                         | 96172   | 109972   | 113264   | 116632   | *116632 |
| Hydro                                                  | ..                            | ..      | ..       | ..       | ..       | ..      |
| Nuclear                                                | ..                            | ..      | ..       | ..       | ..       | ..      |
| Other                                                  | 37                            | 87      | 112      | 112      | 792      | 793     |
| Main activity                                          | 80505                         | 77024   | 76485    | 79776    | 83825    | *83825  |
| Combustible fuels                                      | 80468                         | 76937   | 76372    | 79664    | 83032    | *83032  |
| Hydro                                                  | ..                            | ..      | ..       | ..       | ..       | ..      |
| Nuclear                                                | ..                            | ..      | ..       | ..       | ..       | ..      |
| Other                                                  | 37                            | 87      | 112      | 112      | 792      | 793     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |          |          |          |         |
| Crude oil                                              | 872903                        | 749091  | 830929   | 853403   | 884493   | 968681  |
| Gas-diesel oil                                         | 462938                        | *440879 | *132016  | *193500  | *197800  | 69183   |
| Fuel oil                                               | 186365                        | 175296  | *611346  | *658641  | *679003  | 695943  |
| Natural gas                                            | 2435112                       | 2338003 | *2360160 | *2421514 | *2518658 | 2571975 |
| <b>Total input</b>                                     | 3957318                       | 3703268 | *3934451 | *4127058 | *4279954 | 4305783 |
| <b>Total production</b>                                | 1365743                       | 1292537 | 1322428  | 1319627  | 1359655  | 1566454 |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 35      | 34       | 32       | 32       | 36      |

## Statistics on electricity

### Senegal

| Item                                                   | 2017                          | 2018  | 2019   | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|--------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |        |       |       |       |
| Total main activity and autoproducer                   | 4418                          | 4502  | *4491  | 5804  | 6380  | 7550  |
| Combustible fuels                                      | 4270                          | 4333  | *4081  | 5159  | 5392  | 6524  |
| Hydro                                                  | ..                            | ..    | ..     | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..    | ..    |
| Other                                                  | 148                           | 169   | 410    | 646   | 988   | 1026  |
| Main activity                                          | 3449                          | 3368  | *3564  | 5130  | 5586  | 6709  |
| Combustible fuels                                      | 3449                          | 3368  | *3212  | 4528  | 4647  | 5733  |
| Hydro                                                  | ..                            | ..    | ..     | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | 352    | 602   | 939   | 976   |
| Own use in electricity, CHP and heat plants            | 54                            | 55    | 90     | 59    | 47    | 47    |
| Net production                                         | 4364                          | 4447  | *4401  | 5745  | 6333  | 7502  |
| Imports                                                | 360                           | 360   | 324    | 356   | 315   | 486   |
| Exports                                                | ..                            | ..    | ..     | ..    | ..    | ..    |
| Losses                                                 | 672                           | 672   | 764    | 919   | 1020  | 983   |
| Consumption                                            | 3472                          | 3998  | *3960  | 4585  | 5400  | 6789  |
| Energy industries own use                              | ..                            | ..    | ..     | ..    | ..    | ..    |
| By industry and construction                           | 446                           | 1075  | 1719   | 1982  | 1921  | 1750  |
| By transport                                           | ..                            | ..    | ..     | ..    | ..    | ..    |
| By households and other cons.                          | 3026                          | 2923  | *2242  | 2603  | 3479  | 5039  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |        |       |       |       |
| Total main activity and autoproducer                   | 1016                          | 1174  | 1358   | 1423  | 1589  | 1653  |
| Combustible fuels                                      | 884                           | 1001  | 1024   | 1082  | 1189  | 1244  |
| Hydro                                                  | ..                            | ..    | ..     | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..    | ..    |
| Other                                                  | 132                           | 173   | *334   | *342  | *400  | *409  |
| Main activity                                          | 554                           | 671   | 953    | 1018  | 1184  | 1248  |
| Combustible fuels                                      | 554                           | 671   | 694    | 752   | 859   | 914   |
| Hydro                                                  | ..                            | ..    | ..     | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | 259    | 267   | *325  | *334  |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |        |       |       |       |
| Hard Coal                                              | 4665                          | 6764  | 8300   | 1721  | 7008  | 9747  |
| Gas-diesel oil                                         | 5805                          | 8342  | 5531   | 1595  | 1739  | 1085  |
| Fuel oil                                               | 28159                         | 32118 | 28826  | 37747 | 38087 | 40581 |
| Natural gas                                            | 736                           | 461   | 559    | 553   | 283   | 199   |
| Bagasse                                                | *2127                         | *3062 | *3253  | 3196  | *3161 | *2858 |
| <b>Total input</b>                                     | 41492                         | 50747 | 46469  | 44812 | 50278 | 54470 |
| <b>Total production</b>                                | 15372                         | 15599 | *14692 | 18571 | 19412 | 23486 |
| <b>Estimated efficiency (% of production to input)</b> | 37                            | 31    | 32     | 41    | 39    | 43    |

## Statistics on electricity

### Serbia

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 37045                         | 37426  | 37600  | 37956  | 38236  | 35510  |
| Combustible fuels                                      | 27232                         | 25869  | 26490  | 27219  | 25153  | 25271  |
| Hydro                                                  | 9752                          | 11393  | 10198  | 9749   | 11984  | 9274   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 62                            | 163    | 912    | 989    | 1098   | 965    |
| Main activity                                          | 36519                         | 36883  | 37130  | 37483  | 37708  | 35029  |
| Combustible fuels                                      | 26705                         | 25326  | 26020  | 26745  | 24626  | 24791  |
| Hydro                                                  | 9752                          | 11393  | 10198  | 9749   | 11984  | 9274   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 62                            | 163    | 912    | 989    | 1098   | 964    |
| Own use in electricity, CHP and heat plants            | 2747                          | 2642   | 3035   | 2683   | 2883   | 2682   |
| Net production                                         | 34299                         | 34783  | 34565  | 35274  | 35352  | 32828  |
| Imports                                                | 6549                          | 6400   | 5417   | 5070   | 6984   | 8447   |
| Exports                                                | 5724                          | 6284   | 5341   | 5675   | 6333   | 5696   |
| Losses                                                 | 4806                          | 4532   | 4332   | 4385   | 4481   | 4182   |
| Consumption                                            | 30317                         | 30368  | 30308  | 30284  | 31522  | 31397  |
| Energy industries own use                              | 2193                          | 2319   | 2314   | 2403   | 2322   | 2417   |
| By industry and construction                           | 8402                          | 8735   | 8783   | 8617   | 9380   | 9551   |
| By transport                                           | 375                           | 375    | 375    | 358    | 384    | 391    |
| By households and other cons.                          | 19347                         | 18939  | 18836  | 18905  | 19435  | 19039  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 7410                          | 7632   | 7968   | 7984   | 8002   | 8227   |
| Combustible fuels                                      | 4337                          | 4351   | 4485   | 4492   | 4507   | 4699   |
| Hydro                                                  | 3038                          | 3043   | 3074   | 3082   | 3085   | 3107   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 35                            | 238    | 409    | 410    | 410    | 420    |
| Main activity                                          | 7296                          | 7514   | 7827   | 7839   | 7853   | 8073   |
| Combustible fuels                                      | 4223                          | 4233   | 4344   | 4348   | 4358   | 4547   |
| Hydro                                                  | 3038                          | 3043   | 3074   | 3082   | 3085   | 3107   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 35                            | 238    | 409    | 410    | 410    | 419    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Brown Coal                                             | 286828                        | 268848 | 269485 | 290140 | 256304 | 253445 |
| Lignite briquettes                                     | 717                           | 650    | 609    | 483    | 489    | 182    |
| Biogas                                                 | 398                           | 631    | 849    | 1041   | 1387   | 1411   |
| Fuel oil                                               | 2786                          | 3004   | 1248   | 712    | 508    | 258    |
| Other oil products                                     | 74                            | 18     | 51     | 71     | 12     | 7      |
| Natural gas                                            | 7478                          | 8113   | 10140  | 8793   | 15236  | 18920  |
| Blast furnace gas                                      | 4249                          | 4760   | 4637   | 3209   | 3424   | 3614   |
| Fuelwood                                               | 0                             | 0      | 221    | 395    | 415    | 415    |
| Vegetal waste                                          | 81                            | 105    | 99     | 93     | 103    | 99     |
| Industrial waste                                       | 20                            | 22     | 24     | 25     | 26     | 27     |
| Others                                                 | 1                             | 1      | 5      | 45     | 423    | 2      |
| <b>Total input</b>                                     | 302632                        | 286150 | 287368 | 305007 | 278328 | 278379 |
| <b>Total production</b>                                | 98034                         | 93129  | 95364  | 97988  | 90552  | 90975  |
| <b>Estimated efficiency (% of production to input)</b> | 32                            | 33     | 33     | 32     | 33     | 33     |

## Statistics on electricity

### Seychelles

| Item                                                   | 2017                          | 2018 | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |       |       |       |       |
| Total main activity and autoproducer                   | 513                           | 518  | 540   | 535   | 536   | 550   |
| Combustible fuels                                      | 503                           | 507  | 531   | 523   | 517   | 527   |
| Hydro                                                  | ..                            | ..   | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Other                                                  | 10                            | 11   | 9     | 12    | 19    | 23    |
| Main activity                                          | 424                           | 428  | 448   | 442   | 443   | 457   |
| Combustible fuels                                      | 414                           | 417  | 439   | 430   | 424   | 434   |
| Hydro                                                  | ..                            | ..   | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Other                                                  | 10                            | 11   | 9     | 12    | 19    | 23    |
| Own use in electricity, CHP and heat plants            | *12                           | 12   | *13   | *13   | *13   | *13   |
| Net production                                         | 501                           | 506  | 527   | 522   | 523   | 538   |
| Imports                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Losses                                                 | 40                            | 42   | 48    | 40    | *40   | *41   |
| Consumption                                            | 461                           | 464  | 479   | 482   | 483   | *497  |
| Energy industries own use                              | ..                            | ..   | ..    | ..    | ..    | ..    |
| By industry and construction                           | *129                          | *125 | *127  | *131  | *137  | *140  |
| By transport                                           | ..                            | ..   | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 332                           | 339  | 352   | 351   | 346   | *356  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |       |       |       |       |
| Total main activity and autoproducer                   | 154                           | *156 | *157  | 143   | 152   | 153   |
| Combustible fuels                                      | 146                           | *146 | *147  | 133   | 133   | 133   |
| Hydro                                                  | ..                            | ..   | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Other                                                  | 9                             | 10   | 10    | 10    | 18    | 19    |
| Main activity                                          | 125                           | *126 | *128  | 114   | 123   | 124   |
| Combustible fuels                                      | 116                           | *116 | *118  | 104   | 104   | 104   |
| Hydro                                                  | ..                            | ..   | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..   | ..    | ..    | ..    | ..    |
| Other                                                  | 9                             | 10   | 10    | 10    | 18    | 19    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |       |       |       |       |
| Gas-diesel oil                                         | *972                          | *980 | *1023 | *1028 | *1011 | *1015 |
| Fuel oil                                               | 3697                          | 3758 | 3953  | 3878  | 3819  | 3959  |
| <b>Total input</b>                                     | 4668                          | 4738 | 4977  | 4905  | 4830  | 4974  |
| <b>Total production</b>                                | 1812                          | 1825 | 1912  | 1883  | 1862  | 1899  |
| <b>Estimated efficiency (% of production to input)</b> | 39                            | 39   | 38    | 38    | 39    | 38    |

# Statistics on electricity

## Sierra Leone

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 319                           | 320   | 378   | 422   | 467   | 495   |
| Combustible fuels                                      | 89                            | 91    | *135  | *180  | *224  | 270   |
| Hydro                                                  | 224                           | 223   | 237   | 236   | 237   | 216   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 6                             | 6     | 6     | 6     | 6     | *9    |
| Main activity                                          | 315                           | 316   | 374   | 418   | 463   | 490   |
| Combustible fuels                                      | 85                            | 87    | *131  | *176  | *220  | 265   |
| Hydro                                                  | 224                           | 223   | 237   | 236   | 237   | 216   |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 6                             | 6     | 6     | 6     | 6     | *9    |
| Own use in electricity, CHP and heat plants            | 3                             | 3     | *3    | *4    | *3    | *5    |
| Net production                                         | 316                           | 317   | 375   | 418   | 464   | 490   |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *90                           | *86   | *101  | *113  | *126  | *148  |
| Consumption                                            | *226                          | *231  | *274  | *305  | *338  | *342  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *84                           | *88   | *104  | *116  | *129  | *146  |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *142                          | *143  | *170  | *189  | *209  | *196  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *143                          | *142  | 143   | 99    | 99    | *213  |
| Combustible fuels                                      | *79                           | *77   | 78    | *34   | *34   | *143  |
| Hydro                                                  | 60                            | 61    | 61    | 61    | 61    | 61    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 4                             | 4     | 4     | 4     | 4     | 9     |
| Main activity                                          | *141                          | *140  | 141   | 97    | 97    | *211  |
| Combustible fuels                                      | *77                           | *75   | 76    | *32   | *32   | *141  |
| Hydro                                                  | 60                            | 61    | 61    | 61    | 61    | 61    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 4                             | 4     | 4     | 4     | 4     | 9     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *903                          | *946  | *155  | *86   | *86   | *1006 |
| Fuel oil                                               | ..                            | ..    | *1361 | *1947 | *2936 | *1834 |
| Bagasse                                                | *20                           | *19   | *19   | *19   | *19   | *20   |
| Vegetal waste                                          | *72                           | *72   | *72   | *72   | *72   | *72   |
| <b>Total input</b>                                     | *995                          | *1037 | *1608 | *2125 | *3113 | *2932 |
| <b>Total production</b>                                | 321                           | 327   | *486  | *648  | *806  | 971   |
| <b>Estimated efficiency (% of production to input)</b> | 32                            | 32    | 30    | 31    | 26    | 33    |

## Statistics on electricity

### Singapore

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 52401                         | 53142  | 54552  | 53582  | 56524  | 58349  |
| Combustible fuels                                      | 52226                         | 52905  | 54142  | 53080  | 55789  | 57113  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 175                           | 237    | 410    | 502    | 735    | 1236   |
| Main activity                                          | 48410                         | 48409  | 50055  | 48921  | 51925  | 53917  |
| Combustible fuels                                      | 48235                         | 48172  | 49645  | 48419  | 51190  | 52681  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 175                           | 237    | 410    | 502    | 735    | 1236   |
| Own use in electricity, CHP and heat plants            | 175                           | 233    | 410    | 502    | 735    | 1236   |
| Net production                                         | 52225                         | 52908  | 54142  | 53080  | 55789  | 57113  |
| Imports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Exports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Losses                                                 | 2351                          | 1798   | 1762   | 1797   | 1824   | 1559   |
| Consumption                                            | 49638                         | 50461  | 51730  | 50780  | 53483  | 54885  |
| Energy industries own use                              | ..                            | ..     | ..     | ..     | ..     | ..     |
| By industry and construction                           | 21241                         | 21440  | 21464  | 20979  | 22293  | 22694  |
| By transport                                           | 2768                          | 2947   | 3019   | 2809   | 2845   | 2900   |
| By households and other cons.                          | 25629                         | 26074  | 27247  | 26991  | 28346  | 29291  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 13927                         | 13966  | 12859  | 12320  | 12474  | 12621  |
| Combustible fuels                                      | 13812                         | 13805  | 12587  | 11987  | 11987  | 11987  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 116                           | 161    | 272    | 333    | 487    | 634    |
| Main activity                                          | 13358                         | 13397  | 12307  | 11768  | 11922  | 12069  |
| Combustible fuels                                      | 13243                         | 13236  | 12035  | 11435  | 11435  | 11435  |
| Hydro                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 116                           | 161    | 272    | 333    | 487    | 634    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Hard Coal                                              | 12464                         | 12347  | 11598  | 10484  | 11702  | 9362   |
| Gas-diesel oil                                         | 43                            | 24     | 21     | 14     | 150    | 540    |
| Fuel oil                                               | 4537                          | 3543   | 2270   | 2424   | 5835   | 12518  |
| Refinery gas                                           | 2822                          | 1556   | 1325   | 1485   | 2206   | 1298   |
| Natural gas                                            | 352198                        | 354400 | 363506 | 359935 | 373157 | 365947 |
| Bagasse                                                | 2851                          | 3224   | 3115   | 2948   | 3450   | 3509   |
| Municipal waste                                        | 26741                         | 24811  | 25133  | 23346  | 21888  | 25464  |
| <b>Total input</b>                                     | 401656                        | 399905 | 406970 | 400635 | 418389 | 418638 |
| <b>Total production</b>                                | 188012                        | 190457 | 194911 | 191088 | 200840 | 205607 |
| <b>Estimated efficiency (% of production to input)</b> | 47                            | 48     | 48     | 48     | 48     | 49     |

# Statistics on electricity

## Sint Maarten (Dutch part)

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | *292                          | *291  | *296  | 265   | *286  | *291  |
| Combustible fuels                                      | *292                          | *291  | *296  | 265   | *286  | *291  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Main activity                                          | *292                          | *291  | *296  | 265   | *286  | *291  |
| Combustible fuels                                      | *292                          | *291  | *296  | 265   | *286  | *291  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Own use in electricity, CHP and heat plants            | 0                             | 0     | 0     | 0     | 0     | 0     |
| Net production                                         | *292                          | *291  | *296  | 265   | *286  | *291  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *10                           | *9    | *9    | *8    | *9    | *10   |
| Consumption                                            | *282                          | *270  | *274  | *257  | *277  | *281  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *49                           | *45   | *42   | *40   | *43   | *44   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *233                          | *225  | *232  | *217  | *234  | *238  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *88                           | *92   | *96   | 99    | *99   | *101  |
| Combustible fuels                                      | *88                           | *92   | *96   | 99    | *99   | *101  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Main activity                                          | *88                           | *92   | *96   | 99    | *99   | *101  |
| Combustible fuels                                      | *88                           | *92   | *96   | 99    | *99   | *101  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Fuel oil                                               | *2707                         | *2626 | *2666 | *2384 | *2573 | *2626 |
| <b>Total input</b>                                     | *2707                         | *2626 | *2666 | *2384 | *2573 | *2626 |
| <b>Total production</b>                                | *1050                         | *1049 | *1065 | 952   | *1029 | *1049 |
| <b>Estimated efficiency (% of production to input)</b> | 39                            | 40    | 40    | 40    | 40    | 40    |

# Statistics on electricity

## Slovakia

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 27738                         | 26971 | 28434 | 28838 | 30016 | 26838 |
| Combustible fuels                                      | 7367                          | 7542  | 7953  | 7897  | 8999  | 6254  |
| Hydro                                                  | 4623                          | 3879  | 4571  | 4799  | 4552  | 3963  |
| Nuclear                                                | 15081                         | 14843 | 15282 | 15444 | 15730 | 15920 |
| Other                                                  | 667                           | 707   | 628   | 698   | 735   | 701   |
| Main activity                                          | 24646                         | 23456 | 25345 | 25772 | 26755 | 23807 |
| Combustible fuels                                      | 4862                          | 4650  | 5397  | 5435  | 6369  | 3791  |
| Hydro                                                  | 4523                          | 3768  | 4451  | 4671  | 4423  | 3857  |
| Nuclear                                                | 15081                         | 14843 | 15282 | 15444 | 15730 | 15920 |
| Other                                                  | 180                           | 195   | 215   | 222   | 233   | 239   |
| Own use in electricity, CHP and heat plants            | 2046                          | 2108  | 2068  | 2465  | 2558  | 2544  |
| Net production                                         | 25692                         | 24863 | 26366 | 26373 | 27458 | 24294 |
| Imports                                                | 15563                         | 12428 | 13538 | 13289 | 13884 | 16743 |
| Exports                                                | 12535                         | 8746  | 11838 | 12970 | 13110 | 15331 |
| Losses                                                 | 1263                          | 1235  | 1699  | 1589  | 1350  | 1321  |
| Consumption                                            | 27434                         | 27276 | 26332 | 25082 | 26861 | 24363 |
| Energy industries own use                              | 1631                          | 1341  | 1140  | 1269  | 1312  | 1493  |
| By industry and construction                           | 12356                         | 12794 | 12246 | 10501 | 11608 | 9925  |
| By transport                                           | 586                           | 588   | 530   | 505   | 586   | 667   |
| By households and other cons.                          | 12861                         | 12553 | 12416 | 12807 | 13355 | 12278 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 7679                          | 7638  | 7752  | 7741  | 7524  | 7501  |
| Combustible fuels                                      | 2645                          | 2651  | 2639  | 2652  | 2399  | 2361  |
| Hydro                                                  | 2523                          | 2528  | 2527  | 2529  | 2531  | 2532  |
| Nuclear                                                | 1940                          | 1940  | 1940  | 1971  | 2003  | 2003  |
| Other                                                  | 571                           | 519   | 646   | 589   | 591   | 605   |
| Main activity                                          | 6597                          | 6523  | 6533  | 6569  | 6366  | 6340  |
| Combustible fuels                                      | 2012                          | 1882  | 1873  | 1901  | 1658  | 1627  |
| Hydro                                                  | 2493                          | 2496  | 2494  | 2496  | 2498  | 2497  |
| Nuclear                                                | 1940                          | 1940  | 1940  | 1971  | 2003  | 2003  |
| Other                                                  | 152                           | 205   | 226   | 201   | 207   | 213   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Hard Coal                                              | 17425                         | 18353 | 11405 | 7219  | 7661  | 7090  |
| Brown Coal                                             | 24380                         | 22139 | 20421 | 18566 | 13905 | 15289 |
| Biogas                                                 | 5040                          | 4977  | 4988  | 4340  | 4354  | 3403  |
| Fuel oil                                               | 8646                          | 2990  | 2949  | 2424  | 2545  | 3434  |
| Natural gas                                            | 20306                         | 21164 | 30255 | 35838 | 41818 | 23956 |
| Blast furnace gas                                      | 1742                          | 1882  | 1055  | 938   | 1719  | 1208  |
| Fuelwood                                               | *8936                         | *9202 | *8122 | *9202 | *9048 | *7354 |
| Vegetal waste                                          | *797                          | *977  | *904  | *900  | *1010 | 1050  |
| Municipal waste                                        | 1217                          | 932   | 1198  | 1510  | 1541  | 1803  |
| Black liquor                                           | *5831                         | *5310 | *4915 | *5110 | *6275 | *6250 |
| Others                                                 | 2861                          | 2091  | 1500  | 1462  | 2870  | 2043  |
| <b>Total input</b>                                     | 97181                         | 90017 | 87712 | 87508 | 92746 | 72880 |
| <b>Total production</b>                                | 26521                         | 27151 | 28631 | 28429 | 32396 | 22514 |
| <b>Estimated efficiency (% of production to input)</b> | 27                            | 30    | 33    | 32    | 35    | 31    |



# Statistics on electricity

## Slovenia

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 16326                         | 16327 | 16100 | 17191 | 15877 | 13616 |
| Combustible fuels                                      | 5610                          | 5397  | 5287  | 5239  | 4715  | 3958  |
| Hydro                                                  | 4141                          | 4893  | 4683  | 5225  | 4997  | 3401  |
| Nuclear                                                | 6285                          | 5776  | 5821  | 6353  | 5706  | 5606  |
| Other                                                  | 290                           | 261   | 309   | 374   | 459   | 651   |
| Main activity                                          | 15595                         | 15603 | 15331 | 16340 | 14952 | 12586 |
| Combustible fuels                                      | 5344                          | 5142  | 5026  | 4966  | 4459  | 3730  |
| Hydro                                                  | 3952                          | 4672  | 4470  | 5007  | 4770  | 3231  |
| Nuclear                                                | 6285                          | 5776  | 5821  | 6353  | 5706  | 5606  |
| Other                                                  | 14                            | 13    | 14    | 15    | 17    | 20    |
| Own use in electricity, CHP and heat plants            | 929                           | 885   | 875   | 901   | 829   | 748   |
| Net production                                         | 15397                         | 15442 | 15224 | 16290 | 15048 | 12868 |
| Imports                                                | 9133                          | 8930  | 9021  | 7120  | 8387  | 10198 |
| Exports                                                | 9648                          | 9432  | 9340  | 9123  | 8658  | 8752  |
| Losses                                                 | 893                           | 880   | 858   | 849   | 837   | 845   |
| Consumption                                            | 13988                         | 14060 | 14047 | 13438 | 13941 | 13468 |
| Energy industries own use                              | 458                           | 348   | 368   | 487   | 482   | 427   |
| By industry and construction                           | 6446                          | 6499  | 6492  | 5952  | 6062  | 5504  |
| By transport                                           | 233                           | 233   | 231   | 210   | 236   | 275   |
| By households and other cons.                          | 6851                          | 6980  | 6957  | 6790  | 7160  | 7262  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 3617                          | 3796  | 3832  | 3929  | 4080  | 4235  |
| Combustible fuels                                      | 1332                          | 1514  | 1512  | 1516  | 1576  | 1571  |
| Hydro                                                  | 1347                          | 1344  | 1351  | 1352  | 1352  | 1346  |
| Nuclear                                                | 688                           | 688   | 688   | 688   | 688   | 688   |
| Other                                                  | 250                           | 250   | 281   | 373   | 464   | 630   |
| Main activity                                          | 3215                          | 3393  | 3397  | 3400  | 3462  | 3455  |
| Combustible fuels                                      | 1286                          | 1467  | 1468  | 1471  | 1529  | 1527  |
| Hydro                                                  | 1231                          | 1228  | 1230  | 1230  | 1230  | 1224  |
| Nuclear                                                | 688                           | 688   | 688   | 688   | 688   | 688   |
| Other                                                  | 10                            | 10    | 11    | 11    | 14    | 16    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Hard Coal                                              | 120                           | 128   | 123   | 123   | 0     | 4     |
| Brown Coal                                             | 45723                         | 45515 | 42919 | 41651 | 37274 | 30502 |
| Biogas                                                 | 1024                          | 957   | 875   | 1002  | 931   | 891   |
| Gas-diesel oil                                         | 112                           | 132   | 51    | 69    | 591   | 592   |
| Liquefied petroleum gas                                | 49                            | 63    | 63    | 42    | 36    | 47    |
| Natural gas                                            | 4299                          | 4300  | 4922  | 5441  | 4920  | 4502  |
| Fuelwood                                               | *1995                         | *1873 | *2203 | *2217 | *2306 | 2360  |
| Industrial waste                                       | 375                           | 409   | 364   | 410   | 410   | 408   |
| Biodiesel                                              | 44                            | 58    | 48    | 66    | 51    | 59    |
| <b>Total input</b>                                     | 53742                         | 53434 | 51567 | 51021 | 46519 | 39364 |
| <b>Total production</b>                                | 20198                         | 19427 | 19032 | 18859 | 16975 | 14249 |
| <b>Estimated efficiency (% of production to input)</b> | 38                            | 36    | 37    | 37    | 36    | 36    |

# Statistics on electricity

## Solomon Islands

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 103                           | 104   | 107   | 106   | 106   | 104   |
| Combustible fuels                                      | 99                            | 100   | 103   | 102   | 102   | 100   |
| Hydro                                                  | 1                             | 1     | 1     | 1     | 1     | *1    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 3                             | 3     | 3     | 3     | 3     | *3    |
| Main activity                                          | 99                            | 101   | 104   | 103   | 103   | 101   |
| Combustible fuels                                      | 95                            | 97    | 99    | 99    | 99    | 97    |
| Hydro                                                  | 1                             | 1     | 1     | 1     | 1     | *1    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 3                             | 3     | 3     | 3     | 3     | *3    |
| Own use in electricity, CHP and heat plants            | 0                             | 0     | 0     | 0     | 0     | 0     |
| Net production                                         | 103                           | 104   | 107   | 106   | 106   | 104   |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *13                           | *16   | *18   | *18   | *19   | *20   |
| Consumption                                            | 90                            | 88    | 88    | *88   | *87   | *84   |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *37                           | *39   | *41   | *40   | *40   | *39   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 53                            | 49    | 48    | *48   | *47   | *45   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *35                           | *35   | *35   | 35    | *35   | *37   |
| Combustible fuels                                      | *32                           | *32   | *32   | 32    | *32   | *32   |
| Hydro                                                  | 0                             | 0     | 0     | 0     | 0     | 0     |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 3                             | 3     | 3     | 3     | *3    | 4     |
| Main activity                                          | *34                           | *34   | *34   | 34    | *34   | *36   |
| Combustible fuels                                      | *31                           | *31   | *31   | 31    | *31   | *31   |
| Hydro                                                  | 0                             | 0     | 0     | 0     | 0     | 0     |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 3                             | 3     | 3     | 3     | *3    | 4     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *998                          | *1015 | *1027 | *1026 | *1019 | *1011 |
| Vegetal waste                                          | *48                           | *35   | *42   | *37   | *43   | *36   |
| <b>Total input</b>                                     | *1046                         | *1050 | *1069 | *1063 | *1062 | *1047 |
| <b>Total production</b>                                | 356                           | 360   | 370   | 368   | 367   | 361   |
| <b>Estimated efficiency (% of production to input)</b> | 34                            | 34    | 35    | 35    | 35    | 34    |

## Statistics on electricity

### Somalia

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 475                           | 497   | 522   | 520   | 534   | *560  |
| Combustible fuels                                      | 458                           | 480   | 505   | 490   | 491   | *494  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 17                            | 17    | 17    | 30    | 43    | *66   |
| Main activity                                          | 335                           | 355   | 377   | 400   | 424   | *450  |
| Combustible fuels                                      | 318                           | 338   | 360   | 370   | 381   | *384  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 17                            | 17    | 17    | 30    | 43    | *66   |
| Own use in electricity, CHP and heat plants            | 0                             | 0     | 0     | 0     | 0     | 0     |
| Net production                                         | 475                           | 497   | 522   | 520   | 534   | *560  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *47                           | *50   | *53   | *56   | *59   | *63   |
| Consumption                                            | *428                          | *447  | *469  | *464  | *475  | *497  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *140                          | *142  | *145  | *120  | *110  | *110  |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *288                          | *305  | *324  | *344  | *365  | *387  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 344                           | 387   | 400   | 415   | 429   | 445   |
| Combustible fuels                                      | 331                           | 373   | 385   | 389   | 400   | 403   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 13                            | 14    | 15    | 26    | 29    | *42   |
| Main activity                                          | 274                           | 287   | 300   | 315   | 329   | 345   |
| Combustible fuels                                      | 261                           | 273   | 285   | 289   | 300   | 303   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 13                            | 14    | 15    | 26    | 29    | *42   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *3513                         | *3731 | *3973 | *4082 | *4210 | *4240 |
| Fuel oil                                               | *1495                         | *1535 | *1576 | *1212 | *1131 | *1131 |
| <b>Total input</b>                                     | *5008                         | *5266 | *5549 | *5294 | *5341 | *5371 |
| <b>Total production</b>                                | 1649                          | 1727  | 1817  | 1762  | 1768  | *1778 |
| <b>Estimated efficiency (% of production to input)</b> | 33                            | 33    | 33    | 33    | 33    | 33    |

## Statistics on electricity

### South Africa

| Item                                                   | 2017                          | 2018    | 2019    | 2020    | 2021    | 2022    |
|--------------------------------------------------------|-------------------------------|---------|---------|---------|---------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |         |         |         |         |
| Total main activity and autoproducer                   | 257769                        | 256397  | 252644  | 239521  | 244381  | 234850  |
| Combustible fuels                                      | 227635                        | 228415  | 222168  | 211067  | 210233  | 201891  |
| Hydro                                                  | 5323                          | 5694    | 5791    | 6246    | 6784    | 7245    |
| Nuclear                                                | 15743                         | 11580   | 13252   | 9903    | 12355   | 9803    |
| Other                                                  | 9068                          | 10708   | 11433   | 12305   | 15009   | 15911   |
| Main activity                                          | 237648                        | 233136  | 228480  | 215192  | 217650  | 208587  |
| Combustible fuels                                      | 216379                        | 215609  | 209197  | 198802  | 198356  | 191429  |
| Hydro                                                  | 5183                          | 5619    | 5748    | 6182    | 6686    | 7141    |
| Nuclear                                                | 15743                         | 11580   | 13252   | 9903    | 12355   | 9803    |
| Other                                                  | 343                           | 328     | 283     | 305     | 253     | 214     |
| Own use in electricity, CHP and heat plants            | 18601                         | 13853   | 13438   | 13006   | 13291   | 13003   |
| Net production                                         | 239168                        | 242544  | 239206  | 226515  | 231090  | 221847  |
| Imports                                                | 7321                          | 9687    | 9804    | 9829    | 10137   | 10761   |
| Exports                                                | 14423                         | 14386   | 14977   | 13647   | 13705   | 12270   |
| Losses                                                 | 21086                         | 22737   | 22904   | 25078   | 24811   | 23879   |
| Consumption                                            | 222422                        | 225092  | 220703  | 210283  | 210336  | 201037  |
| Energy industries own use                              | 19750                         | 21593   | 21757   | 19176   | 17264   | 14779   |
| By industry and construction                           | 107106                        | 106588  | 103585  | 100900  | 100900  | 97769   |
| By transport                                           | 3329                          | 3118    | 3072    | 2341    | 2598    | 2123    |
| By households and other cons.                          | 92237                         | 93794   | 92290   | 87867   | 89574   | 86365   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |         |         |         |         |
| Total main activity and autoproducer                   | *55432                        | *56305  | *58783  | *58982  | 61962   | 59168   |
| Combustible fuels                                      | *45497                        | *45497  | *48380  | *48380  | 50780   | 47709   |
| Hydro                                                  | 3479                          | 3479    | *3479   | *3485   | *3485   | *3485   |
| Nuclear                                                | 1940                          | 1940    | 1940    | 1940    | 1940    | 1940    |
| Other                                                  | *4516                         | 5389    | 4984    | *5177   | *5757   | *6034   |
| Main activity                                          | *48555                        | *48655  | *51538  | *51544  | 54044   | 50983   |
| Combustible fuels                                      | *43097                        | *43097  | *45980  | *45980  | 48380   | 45309   |
| Hydro                                                  | 3418                          | 3418    | *3418   | *3424   | *3424   | *3424   |
| Nuclear                                                | 1940                          | 1940    | 1940    | 1940    | 1940    | 1940    |
| Other                                                  | 100                           | *200    | *200    | *200    | *300    | *310    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |         |         |         |         |
| Hard Coal                                              | 3022616                       | 2860232 | 3109340 | 3038094 | 2903840 | 2773084 |
| Gas-diesel oil                                         | 381                           | 16565   | 19364   | 20690   | 26468   | 40822   |
| Fuel oil                                               | ..                            | 1700    | 1856    | 1778    | 1817    | 1798    |
| Bagasse                                                | 4591                          | 4736    | 4767    | 4661    | 4720    | 4939    |
| <b>Total input</b>                                     | 3027588                       | 2883234 | 3135326 | 3065223 | 2936846 | 2820642 |
| <b>Total production</b>                                | 819486                        | 822295  | 799803  | 759842  | 756838  | 726809  |
| <b>Estimated efficiency (% of production to input)</b> | 27                            | 29      | 26      | 25      | 26      | 26      |

## Statistics on electricity

### South Sudan

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 542                           | 548  | 557  | 558  | 566  | 538  |
| Combustible fuels                                      | 539                           | 538  | 546  | 547  | 549  | 503  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 3                             | 10   | 11   | 11   | 17   | 35   |
| Main activity                                          | 503                           | 500  | 508  | 508  | 511  | 469  |
| Combustible fuels                                      | 502                           | 495  | 503  | 503  | 503  | 458  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 1                             | 5    | 5    | 5    | 8    | 11   |
| Own use in electricity, CHP and heat plants            | 15                            | 15   | 15   | 15   | 16   | 15   |
| Net production                                         | 527                           | 533  | 542  | 543  | 550  | 523  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 24                            | 22   | 22   | 22   | 23   | 22   |
| Consumption                                            | 498                           | 517  | 521  | 507  | 524  | 514  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 197                           | 200  | 201  | 188  | 198  | 188  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 301                           | 317  | 319  | 319  | 325  | 326  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | *131                          | *133 | *133 | *133 | *135 | *145 |
| Combustible fuels                                      | *120                          | *120 | *120 | *120 | *120 | *121 |
| Hydro                                                  | *3                            | *3   | *3   | *3   | *3   | *3   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | *8                            | *10  | *10  | *10  | *12  | *21  |
| Main activity                                          | *90                           | *90  | *90  | *90  | *90  | *90  |
| Combustible fuels                                      | *80                           | *80  | *80  | *80  | *80  | *80  |
| Hydro                                                  | *3                            | *3   | *3   | *3   | *3   | *3   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | *7                            | *7   | *7   | *7   | *7   | *7   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Motor gasoline                                         | 75                            | 137  | 139  | 142  | 150  | 142  |
| Gas-diesel oil                                         | 5547                          | 6063 | 6152 | 6161 | 6171 | 5648 |
| <b>Total input</b>                                     | 5622                          | 6200 | 6291 | 6303 | 6321 | 5790 |
| <b>Total production</b>                                | 1941                          | 1938 | 1966 | 1970 | 1975 | 1810 |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 31   | 31   | 31   | 31   | 31   |

## Statistics on electricity

### Spain

| Item                                                   | 2017                          | 2018    | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|---------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |        |        |        |        |
| Total main activity and autoproducer                   | 275726                        | 274452  | 273257 | 263373 | 274312 | 292454 |
| Combustible fuels                                      | 133002                        | 118149  | 117125 | 93778  | 95443  | 112950 |
| Hydro                                                  | 21070                         | 36803   | 26874  | 33998  | 32847  | 22102  |
| Nuclear                                                | 58039                         | 55766   | 58349  | 58299  | 56564  | 58590  |
| Other                                                  | 63615                         | 63734   | 70909  | 77298  | 89458  | 98812  |
| Main activity                                          | 239591                        | 236865  | 234941 | 227707 | 236484 | 261631 |
| Combustible fuels                                      | 97587                         | 81760   | 80066  | 59588  | 59937  | 87315  |
| Hydro                                                  | 20593                         | 35894   | 25977  | 33026  | 31966  | 21241  |
| Nuclear                                                | 58039                         | 55766   | 58349  | 58299  | 56564  | 58590  |
| Other                                                  | 63372                         | 63445   | 70549  | 76794  | 88017  | 94485  |
| Own use in electricity, CHP and heat plants            | 10808                         | 10625   | 9461   | 8782   | 8981   | 9280   |
| Net production                                         | 264918                        | 263827  | 263796 | 254591 | 265331 | 283174 |
| Imports                                                | 23762                         | 24018   | 18721  | 17928  | 17411  | 8032   |
| Exports                                                | 14593                         | 12916   | 11859  | 14649  | 16559  | 27833  |
| Losses                                                 | 23823                         | 25596   | 24790  | 25631  | 26728  | 25131  |
| Consumption                                            | 250149                        | 248968  | 245190 | 231792 | 239371 | 237940 |
| Energy industries own use                              | 11048                         | 10503   | 10661  | 12137  | 11491  | 13574  |
| By industry and construction                           | 81019                         | 78659   | 75925  | 68885  | 75844  | 70851  |
| By transport                                           | 3987                          | 4046    | 3937   | 3335   | 3662   | 3980   |
| By households and other cons.                          | 154095                        | 155760  | 154667 | 147435 | 148374 | 149535 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |        |        |        |        |
| Total main activity and autoproducer                   | 101583                        | 101516  | 108454 | 107415 | 111002 | 124743 |
| Combustible fuels                                      | 46456                         | 46061   | 45697  | 41771  | 39778  | 39470  |
| Hydro                                                  | 20079                         | 20080   | 20114  | 20117  | 20132  | 20137  |
| Nuclear                                                | 7117                          | 7117    | 7117   | 7117   | 7117   | 7117   |
| Other                                                  | 27930                         | 28257   | 35526  | 38409  | 43974  | 58018  |
| Main activity                                          | 94974                         | 94944   | 101963 | 100814 | 103751 | 114912 |
| Combustible fuels                                      | 40299                         | 39963   | 39718  | 35818  | 33849  | 33549  |
| Hydro                                                  | 19710                         | 19711   | 19745  | 19748  | 19763  | 19768  |
| Nuclear                                                | 7117                          | 7117    | 7117   | 7117   | 7117   | 7117   |
| Other                                                  | 27848                         | 28153   | 35383  | 38131  | 43022  | 54478  |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |        |        |        |        |
| Hard Coal                                              | 443931                        | 385792  | 132568 | 63826  | 51292  | 80084  |
| Biogas                                                 | 8417                          | 8490    | 8276   | 8117   | 9007   | 9120   |
| Gas-diesel oil                                         | 36077                         | 37367   | 39130  | 36335  | 39001  | 42706  |
| Fuel oil                                               | 76073                         | 70862   | 64155  | 47995  | 41733  | 41546  |
| Refinery gas                                           | 5792                          | 6138    | 5297   | 5495   | 4455   | 6293   |
| Natural gas                                            | 461908                        | 417687  | 593612 | 496060 | 509802 | 633595 |
| Blast furnace gas                                      | 10863                         | 10685   | 9099   | 5412   | 10889  | 7530   |
| Fuelwood                                               | *38421                        | *36108  | *34817 | *40699 | 47250  | *42721 |
| Vegetal waste                                          | *13421                        | *12665  | *12284 | *14172 | *14450 | *14950 |
| Municipal waste                                        | 21160                         | 20926   | 21010  | 19378  | 21252  | 21199  |
| Others                                                 | 46894                         | 34554   | 17264  | 9593   | 5427   | 6073   |
| <b>Total input</b>                                     | 1162957                       | 1041274 | 937512 | 747082 | 754558 | 905817 |
| <b>Total production</b>                                | 478807                        | 425336  | 421650 | 337601 | 343595 | 406620 |
| <b>Estimated efficiency (% of production to input)</b> | 41                            | 41      | 45     | 45     | 46     | 45     |

## Statistics on electricity

### Sri Lanka

| Item                                                   | 2017                          | 2018  | 2019   | 2020   | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|--------|--------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |        |        |       |       |
| Total main activity and autoproducer                   | 15004                         | 15985 | 16630  | 15801  | 17363 | 16680 |
| Combustible fuels                                      | 10381                         | 9072  | 11102  | 10260  | 8923  | 8459  |
| Hydro                                                  | 4039                          | 6401  | 4812   | 4976   | 7227  | 6759  |
| Nuclear                                                | ..                            | ..    | ..     | ..     | ..    | ..    |
| Other                                                  | 583                           | 513   | 716    | 565    | 1214  | 1462  |
| Main activity                                          | 13821                         | 14577 | 15396  | 14532  | 15439 | 14670 |
| Combustible fuels                                      | 10296                         | 8985  | 10984  | 10142  | 8830  | 8359  |
| Hydro                                                  | 3075                          | 5169  | 3801   | 3929   | 5659  | 5383  |
| Nuclear                                                | ..                            | ..    | ..     | ..     | ..    | ..    |
| Other                                                  | 450                           | 423   | 611    | 460    | 951   | 928   |
| Own use in electricity, CHP and heat plants            | 336                           | 612   | 539    | 757    | 705   | 738   |
| Net production                                         | 14668                         | 15374 | 16091  | 15044  | 16658 | 15942 |
| Imports                                                | ..                            | ..    | ..     | ..     | ..    | ..    |
| Exports                                                | ..                            | ..    | ..     | ..     | ..    | ..    |
| Losses                                                 | 1179                          | 1407  | 1337   | 1496   | 1614  | 1403  |
| Consumption                                            | 13489                         | 14120 | 14818  | 14656  | 15629 | 14962 |
| Energy industries own use                              | ..                            | ..    | ..     | ..     | ..    | ..    |
| By industry and construction                           | 4372                          | 4598  | 4716   | 4485   | 5153  | 4629  |
| By transport                                           | ..                            | ..    | ..     | ..     | ..    | ..    |
| By households and other cons.                          | 9117                          | 9522  | 10102  | 10170  | 10476 | 10333 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |        |        |       |       |
| Total main activity and autoproducer                   | 4094                          | 4219  | *4517  | 4549   | 4909  | *5364 |
| Combustible fuels                                      | 2144                          | 2191  | *2432  | 2452   | 2614  | *2618 |
| Hydro                                                  | 1720                          | 1793  | 1809   | 1793   | 1799  | *1883 |
| Nuclear                                                | ..                            | ..    | ..     | ..     | ..    | ..    |
| Other                                                  | 230                           | 236   | *276   | *304   | *496  | *863  |
| Main activity                                          | 3658                          | 3615  | *3733  | 3689   | 3716  | *4046 |
| Combustible fuels                                      | 2115                          | 2037  | *2148  | 2098   | 2098  | *2098 |
| Hydro                                                  | 1364                          | 1399  | 1399   | 1383   | 1383  | *1383 |
| Nuclear                                                | ..                            | ..    | ..     | ..     | ..    | ..    |
| Other                                                  | 179                           | 179   | 186    | *208   | *235  | *565  |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |        |        |       |       |
| Hard Coal                                              | 61151                         | 58880 | 64737  | 68855  | 67447 | 62813 |
| Gas-diesel oil                                         | 17535                         | 7136  | 14542  | 8114   | 5227  | 6210  |
| Fuel oil                                               | 19974                         | 17130 | 25775  | 25775  | 18453 | 14314 |
| Naphtha                                                | 9060                          | 3071  | 5543   | 0      | 678   | 1511  |
| Bagasse                                                | 848                           | *1113 | 1488   | 1238   | 1176  | *1931 |
| <b>Total input</b>                                     | 108568                        | 87328 | 112085 | 103982 | 92981 | 86778 |
| <b>Total production</b>                                | 37373                         | 32660 | 39966  | 36935  | 32121 | 30452 |
| <b>Estimated efficiency (% of production to input)</b> | 34                            | 37    | 36     | 36     | 35    | 35    |

# Statistics on electricity

## St. Helena and Depend.

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 11                            | 12   | 12   | 11   | 11   | 10   |
| Combustible fuels                                      | 9                             | 8    | 9    | 8    | 8    | 9    |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 3                             | 4    | 3    | 3    | 2    | 2    |
| Main activity                                          | 11                            | 12   | 12   | 11   | 11   | 10   |
| Combustible fuels                                      | 9                             | 8    | 9    | 8    | 8    | 9    |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 3                             | 4    | 3    | 3    | 2    | 2    |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0    |
| Net production                                         | 11                            | 12   | 12   | 11   | 11   | 10   |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | *2                            | *1   | *2   | *2   | 1    | 2    |
| Consumption                                            | 9                             | 11   | 10   | 10   | 9    | 9    |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 9                             | 11   | 10   | 10   | 9    | 9    |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 11                            | 12   | 12   | 12   | 10   | 10   |
| Combustible fuels                                      | 8                             | 8    | 8    | 8    | 5    | 5    |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | *3                            | 4    | *4   | *4   | 4    | 4    |
| Main activity                                          | 11                            | 12   | 12   | 12   | 10   | 10   |
| Combustible fuels                                      | 8                             | 8    | 8    | 8    | 5    | 5    |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | *3                            | 4    | *4   | *4   | 4    | 4    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | *77                           | *69  | *83  | *75  | *69  | *74  |
| <b>Total input</b>                                     | *77                           | *69  | *83  | *75  | *69  | *74  |
| <b>Total production</b>                                | 31                            | 28   | 33   | 30   | 30   | 31   |
| <b>Estimated efficiency (% of production to input)</b> | 40                            | 41   | 39   | 40   | 44   | 41   |



# Statistics on electricity

## St. Kitts-Nevis

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 231                           | 239   | 250   | 234   | 228   | 235   |
| Combustible fuels                                      | 222                           | 230   | 242   | 224   | 218   | 225   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 8                             | 9     | 9     | 10    | 10    | *10   |
| Main activity                                          | 230                           | 238   | 249   | 233   | 227   | 234   |
| Combustible fuels                                      | 221                           | 229   | 241   | 223   | 217   | 224   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 8                             | 9     | 9     | 10    | 10    | *10   |
| Own use in electricity, CHP and heat plants            | 2                             | 3     | 3     | 4     | 5     | *2    |
| Net production                                         | 228                           | 236   | 247   | 230   | 224   | 233   |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *45                           | *40   | *40   | *40   | *39   | *42   |
| Consumption                                            | *183                          | *196  | *207  | *191  | *185  | *191  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | *36                           | *39   | *41   | *38   | *36   | *37   |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | *147                          | *157  | *167  | *153  | *149  | *154  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 65                            | 71    | *71   | *72   | *72   | *72   |
| Combustible fuels                                      | 60                            | 67    | *67   | *67   | *67   | *67   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 4                             | 4     | 4     | 5     | 5     | 5     |
| Main activity                                          | 61                            | 67    | *67   | *68   | *68   | *68   |
| Combustible fuels                                      | 56                            | 63    | *63   | *63   | *63   | *63   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 4                             | 4     | 4     | 5     | 5     | 5     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *2176                         | *2253 | *2361 | *2193 | *2137 | *2202 |
| <b>Total input</b>                                     | *2176                         | *2253 | *2361 | *2193 | *2137 | *2202 |
| <b>Total production</b>                                | 799                           | 829   | 870   | 806   | 785   | 810   |
| <b>Estimated efficiency (% of production to input)</b> | 37                            | 37    | 37    | 37    | 37    | 37    |

# Statistics on electricity

## St. Lucia

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 400                           | 399  | 408  | 372  | 391  | 409  |
| Combustible fuels                                      | 400                           | 394  | 401  | 365  | 384  | 402  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | 5    | 7    | 7    | 7    | 7    |
| Main activity                                          | 400                           | 399  | 408  | 372  | 390  | 409  |
| Combustible fuels                                      | 400                           | 394  | 401  | 365  | 384  | 402  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | 5    | 7    | 7    | 6    | 7    |
| Own use in electricity, CHP and heat plants            | 13                            | 12   | 13   | 14   | 14   | 12   |
| Net production                                         | 387                           | 387  | 396  | 359  | 377  | 397  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 27                            | 25   | 27   | 22   | 24   | 23   |
| Consumption                                            | 360                           | 362  | 369  | 336  | 353  | 374  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 18                            | 17   | 18   | 18   | 19   | 20   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 341                           | 344  | 351  | 319  | 334  | 353  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 88                            | 91   | 92   | 93   | 93   | 93   |
| Combustible fuels                                      | 88                            | 88   | 88   | 88   | 88   | 88   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | 3    | 4    | 4    | 4    | 5    |
| Main activity                                          | 88                            | 91   | 91   | 91   | 91   | 91   |
| Combustible fuels                                      | 88                            | 88   | 88   | 88   | 88   | 88   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | 3    | 3    | 3    | 3    | 3    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 3593                          | 3593 | 3504 | 3157 | 3327 | 3526 |
| <b>Total input</b>                                     | 3593                          | 3593 | 3504 | 3157 | 3327 | 3526 |
| <b>Total production</b>                                | 1441                          | 1419 | 1444 | 1314 | 1382 | 1447 |
| <b>Estimated efficiency (% of production to input)</b> | 40                            | 40   | 41   | 42   | 42   | 41   |

# Statistics on electricity

## St. Pierre-Miquelon

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 49                            | 51   | 52   | 51   | 51   | 50   |
| Combustible fuels                                      | 49                            | 51   | 52   | 51   | 51   | 50   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Main activity                                          | 49                            | 51   | 52   | 51   | 51   | 50   |
| Combustible fuels                                      | 49                            | 51   | 52   | 51   | 51   | 50   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0    |
| Net production                                         | 49                            | 51   | 52   | 51   | 51   | 50   |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 3                             | 3    | 3    | 3    | 2    | 2    |
| Consumption                                            | *46                           | *47  | *49  | *49  | *49  | *48  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | *1                            | *1   | *1   | *1   | *1   | 1    |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | *45                           | *46  | *48  | *48  | *48  | *46  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 25                            | 26   | 26   | 26   | 26   | 26   |
| Combustible fuels                                      | 25                            | 26   | 26   | 26   | 26   | 26   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0    |
| Main activity                                          | 25                            | 26   | 26   | 26   | 26   | 26   |
| Combustible fuels                                      | 25                            | 26   | 26   | 26   | 26   | 26   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 0                             | 0    | 0    | 0    | 0    | 0    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | *499                          | *507 | *525 | *516 | *512 | *482 |
| <b>Total input</b>                                     | *499                          | *507 | *525 | *516 | *512 | *482 |
| <b>Total production</b>                                | 175                           | 183  | 188  | 184  | 183  | 179  |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 36   | 36   | 36   | 36   | 37   |

# Statistics on electricity

## St. Vincent-Grenadines

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022  |
|--------------------------------------------------------|-------------------------------|------|------|------|------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |       |
| Total main activity and autoproducer                   | 151                           | 151  | 154  | 152  | 145  | *154  |
| Combustible fuels                                      | 129                           | 125  | 130  | 125  | 122  | *128  |
| Hydro                                                  | 20                            | 24   | 22   | 22   | 19   | *21   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 1                             | 2    | 3    | 5    | 4    | 4     |
| Main activity                                          | 150                           | 150  | 153  | 151  | 144  | *152  |
| Combustible fuels                                      | 129                           | 125  | 130  | 125  | 122  | *128  |
| Hydro                                                  | 20                            | 24   | 22   | 22   | 19   | *21   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 1                             | 1    | 2    | 4    | 2    | 3     |
| Own use in electricity, CHP and heat plants            | 5                             | 5    | 5    | 3    | 5    | *3    |
| Net production                                         | 146                           | 146  | 149  | 149  | 140  | *150  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Losses                                                 | 9                             | 10   | 10   | 11   | 11   | *12   |
| Consumption                                            | 136                           | 135  | 138  | 140  | 138  | *145  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..    |
| By industry and construction                           | 7                             | 7    | 7    | 7    | 6    | *7    |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..    |
| By households and other cons.                          | 129                           | 128  | 131  | 133  | 132  | *138  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |       |
| Total main activity and autoproducer                   | 50                            | 47   | 50   | 56   | *56  | *59   |
| Combustible fuels                                      | 41                            | 38   | 40   | 44   | *44  | *47   |
| Hydro                                                  | 6                             | 6    | 6    | 6    | 6    | 6     |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 3                             | 4    | 4    | 6    | 6    | 6     |
| Main activity                                          | 49                            | 47   | 50   | 54   | *54  | *57   |
| Combustible fuels                                      | 41                            | 38   | 40   | 44   | *44  | *47   |
| Hydro                                                  | 6                             | 6    | 6    | 6    | 6    | 6     |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 3                             | 3    | 4    | 4    | 4    | 4     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |       |
| Gas-diesel oil                                         | 1227                          | 1190 | 1249 | 1244 | 1252 | *1316 |
| <b>Total input</b>                                     | 1227                          | 1190 | 1249 | 1244 | 1252 | *1316 |
| <b>Total production</b>                                | 464                           | 450  | 467  | 451  | 439  | *461  |
| <b>Estimated efficiency (% of production to input)</b> | 38                            | 38   | 37   | 36   | 35   | 35    |

## Statistics on electricity

### State of Palestine

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 546                           | 420  | 811  | 840  | 917  | 1021 |
| Combustible fuels                                      | 501                           | 360  | 691  | 662  | 693  | 679  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 45                            | 60   | 120  | 178  | 224  | 342  |
| Main activity                                          | 392                           | 284  | 651  | 677  | 733  | 779  |
| Combustible fuels                                      | 369                           | 254  | 591  | 588  | 621  | 608  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 23                            | 30   | 60   | 89   | 112  | 171  |
| Own use in electricity, CHP and heat plants            | 0                             | 0    | 0    | 0    | 0    | 0    |
| Net production                                         | 546                           | 420  | 811  | 840  | 917  | 1021 |
| Imports                                                | 5577                          | 5916 | 6249 | 6519 | 6678 | 7212 |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 735                           | 760  | 847  | 883  | 911  | 988  |
| Consumption                                            | 5388                          | 5576 | 6213 | 6476 | 6683 | 7245 |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 648                           | 715  | 686  | 544  | 616  | 635  |
| By transport                                           | ..                            | ..   | ..   | ..   | 1    | 1    |
| By households and other cons.                          | 4740                          | 4861 | 5528 | 5932 | 6067 | 6609 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 190                           | 200  | 240  | 278  | 338  | 380  |
| Combustible fuels                                      | 160                           | 160  | 160  | 160  | 160  | 160  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 30                            | 40   | 80   | 118  | 178  | 220  |
| Main activity                                          | 155                           | 160  | 180  | 199  | 229  | 250  |
| Combustible fuels                                      | 140                           | 140  | 140  | 140  | 140  | 140  |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 15                            | 20   | 40   | 59   | 89   | 110  |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Motor gasoline                                         | 279                           | 235  | 222  | 106  | 49   | 40   |
| Gas-diesel oil                                         | 4670                          | 3040 | 6050 | 5796 | 6214 | 6076 |
| <b>Total input</b>                                     | 4949                          | 3275 | 6272 | 5903 | 6262 | 6116 |
| <b>Total production</b>                                | 1803                          | 1297 | 2489 | 2382 | 2493 | 2444 |
| <b>Estimated efficiency (% of production to input)</b> | 36                            | 40   | 40   | 40   | 40   | 40   |

## Statistics on electricity

### Sudan

| Item                                                   | 2017                          | 2018  | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|-------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |        |        |        |        |
| Total main activity and autoproducer                   | 15692                         | 16398 | 16814  | 17642  | *16781 | 16771  |
| Combustible fuels                                      | 6325                          | 6721  | 6583   | 6613   | *6693  | 4842   |
| Hydro                                                  | 9347                          | 9657  | 10210  | 11008  | *10061 | 11804  |
| Nuclear                                                | ..                            | ..    | ..     | ..     | ..     | ..     |
| Other                                                  | 20                            | 21    | 21     | 22     | 28     | 126    |
| Main activity                                          | 15562                         | 16277 | 16705  | 17534  | *16674 | 16665  |
| Combustible fuels                                      | 6195                          | 6599  | 6474   | 6505   | *6585  | 4735   |
| Hydro                                                  | 9347                          | 9657  | 10210  | 11008  | *10061 | 11804  |
| Nuclear                                                | ..                            | ..    | ..     | ..     | ..     | ..     |
| Other                                                  | 20                            | 21    | 21     | 22     | 28     | 126    |
| Own use in electricity, CHP and heat plants            | 274                           | 478   | 200    | *202   | *311   | 740    |
| Net production                                         | 15418                         | 15920 | 16614  | 17440  | *16470 | 16031  |
| Imports                                                | 891                           | 808   | *207   | 1318   | 993    | 882    |
| Exports                                                | ..                            | ..    | ..     | ..     | ..     | ..     |
| Losses                                                 | 3140                          | 3028  | *3594  | 3165   | *3585  | 3652   |
| Consumption                                            | 12008                         | 13700 | *12639 | *15593 | *13877 | *13261 |
| Energy industries own use                              | ..                            | ..    | ..     | ..     | ..     | ..     |
| By industry and construction                           | 2003                          | 1795  | *1517  | 2748   | *1919  | 1414   |
| By transport                                           | ..                            | ..    | ..     | ..     | ..     | ..     |
| By households and other cons.                          | 10005                         | 11905 | *11122 | *12845 | *11958 | *11847 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |        |        |        |        |
| Total main activity and autoproducer                   | 3802                          | 4097  | 4127   | 4134   | 4155   | 4209   |
| Combustible fuels                                      | 2013                          | 2131  | 2134   | 2134   | 2134   | 2134   |
| Hydro                                                  | 1753                          | 1907  | 1913   | 1883   | 1885   | 1885   |
| Nuclear                                                | ..                            | ..    | ..     | ..     | ..     | ..     |
| Other                                                  | 36                            | 59    | 80     | 117    | 136    | 190    |
| Main activity                                          | 3603                          | 3898  | 3928   | 3935   | 3956   | 4010   |
| Combustible fuels                                      | 1814                          | 1932  | 1935   | 1935   | 1935   | 1935   |
| Hydro                                                  | 1753                          | 1907  | 1913   | 1883   | 1885   | 1885   |
| Nuclear                                                | ..                            | ..    | ..     | ..     | ..     | ..     |
| Other                                                  | 36                            | 59    | 80     | 117    | 136    | 190    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |        |        |        |        |
| Crude oil                                              | 29340                         | 25485 | 29387  | 28798  | 35397  | *12948 |
| Gas-diesel oil                                         | 23180                         | 18058 | 16617  | *24377 | *9166  | *8931  |
| Fuel oil                                               | 7575                          | 9809  | *13746 | *12912 | *14289 | *16369 |
| Petroleum coke                                         | 4118                          | 3933  | 4030   | 6474   | *8125  | *8775  |
| Bagasse                                                | *2100                         | *2131 | *1961  | 1931   | *1931  | *1931  |
| <b>Total input</b>                                     | 66313                         | 59416 | 65742  | *74491 | 68909  | *48954 |
| <b>Total production</b>                                | 22769                         | 24194 | 23699  | 23807  | *24094 | 17431  |
| <b>Estimated efficiency (% of production to input)</b> | 34                            | 41    | 36     | 32     | 35     | 36     |

## Statistics on electricity

### Suriname

| Item                                                   | 2017                          | 2018  | 2019  | 2020   | 2021  | 2022   |
|--------------------------------------------------------|-------------------------------|-------|-------|--------|-------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |        |       |        |
| Total main activity and autoproducer                   | 1805                          | 1792  | 1868  | 1730   | 1594  | 2097   |
| Combustible fuels                                      | 871                           | 782   | 906   | 1043   | 734   | 1155   |
| Hydro                                                  | 926                           | 1000  | 952   | 674    | 847   | 917    |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..    | ..     |
| Other                                                  | 9                             | 10    | 10    | 12     | 13    | 25     |
| Main activity                                          | 453                           | 352   | 397   | 484    | 272   | 447    |
| Combustible fuels                                      | 444                           | 342   | 387   | 471    | 259   | 435    |
| Hydro                                                  | ..                            | ..    | ..    | ..     | ..    | ..     |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..    | ..     |
| Other                                                  | 9                             | 10    | 10    | 12     | 13    | 13     |
| Own use in electricity, CHP and heat plants            | 265                           | 258   | 247   | 226    | 218   | 193    |
| Net production                                         | 1540                          | 1534  | 1621  | 1504   | 1376  | 1904   |
| Imports                                                | ..                            | ..    | ..    | ..     | ..    | ..     |
| Exports                                                | ..                            | ..    | ..    | ..     | ..    | ..     |
| Losses                                                 | 193                           | 187   | 192   | 150    | 67    | *88    |
| Consumption                                            | 1347                          | 1347  | 1430  | 1354   | 1309  | 1816   |
| Energy industries own use                              | ..                            | ..    | ..    | ..     | ..    | 16     |
| By industry and construction                           | 280                           | 268   | 299   | 445    | 434   | 916    |
| By transport                                           | ..                            | ..    | ..    | ..     | ..    | ..     |
| By households and other cons.                          | 1067                          | 1079  | 1131  | 909    | 875   | 885    |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |        |       |        |
| Total main activity and autoproducer                   | 502                           | 505   | 503   | 491    | 532   | 588    |
| Combustible fuels                                      | 307                           | 309   | 316   | 302    | 343   | 386    |
| Hydro                                                  | 189                           | 189   | 180   | 180    | 180   | 180    |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..    | ..     |
| Other                                                  | 6                             | 7     | 7     | 9      | 9     | 22     |
| Main activity                                          | 217                           | 220   | 227   | 215    | 256   | 298    |
| Combustible fuels                                      | 211                           | 213   | 220   | 206    | 247   | 286    |
| Hydro                                                  | ..                            | ..    | ..    | ..     | ..    | ..     |
| Nuclear                                                | ..                            | ..    | ..    | ..     | ..    | ..     |
| Other                                                  | 6                             | 7     | 7     | 9      | 9     | 12     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |        |       |        |
| Gas-diesel oil                                         | 690                           | 676   | 1111  | 677    | *430  | 1265   |
| Fuel oil                                               | *8686                         | *7716 | *8565 | *10423 | *7312 | *12518 |
| Natural gas                                            | 136                           | 195   | 232   | 230    | 248   | 274    |
| <b>Total input</b>                                     | *9512                         | *8587 | *9908 | *11330 | *7990 | *14057 |
| <b>Total production</b>                                | 3134                          | 2815  | 3262  | 3756   | 2642  | 4159   |
| <b>Estimated efficiency (% of production to input)</b> | 33                            | 33    | 33    | 33     | 33    | 30     |

## Statistics on electricity

### Sweden

| Item                                                   | 2017                          | 2018    | 2019    | 2020    | 2021    | 2022    |
|--------------------------------------------------------|-------------------------------|---------|---------|---------|---------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |         |         |         |         |
| Total main activity and autoproducer                   | 164250                        | 163400  | 168439  | 163833  | 171798  | 173159  |
| Combustible fuels                                      | 15547                         | 15571   | 16390   | 13618   | 16137   | 16015   |
| Hydro                                                  | 65168                         | 62250   | 65393   | 72440   | 73926   | 69967   |
| Nuclear                                                | 65696                         | 68549   | 66130   | 49198   | 52965   | 51944   |
| Other                                                  | 17839                         | 17030   | 20526   | 28577   | 28770   | 35233   |
| Main activity                                          | 158035                        | 157261  | 161475  | 157224  | 164904  | 165140  |
| Combustible fuels                                      | 9344                          | 9443    | 9431    | 7009    | 9243    | 9020    |
| Hydro                                                  | 65156                         | 62239   | 65388   | 72440   | 73926   | 69967   |
| Nuclear                                                | 65696                         | 68549   | 66130   | 49198   | 52965   | 51944   |
| Other                                                  | 17839                         | 17030   | 20526   | 28577   | 28770   | 34209   |
| Own use in electricity, CHP and heat plants            | 3724                          | 3723    | 2794    | 2919    | 3175    | 3163    |
| Net production                                         | 160526                        | 159677  | 165645  | 160914  | 168623  | 169996  |
| Imports                                                | 11896                         | 12202   | 9070    | 11827   | 8341    | 6181    |
| Exports                                                | 30888                         | 29425   | 35231   | 36824   | 33909   | 39400   |
| Losses                                                 | 9495                          | 10537   | 10590   | 8305    | 10637   | 9709    |
| Consumption                                            | 130495                        | 130629  | 127388  | 125801  | 130632  | 125891  |
| Energy industries own use                              | 3241                          | 3067    | 2846    | 2816    | 3101    | 3122    |
| By industry and construction                           | 50939                         | 50719   | 49478   | 47479   | 46914   | 45498   |
| By transport                                           | 2476                          | 2573    | 2722    | 2645    | 3259    | 4103    |
| By households and other cons.                          | 73839                         | 74270   | 72342   | 72861   | 77358   | 73168   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |         |         |         |         |
| Total main activity and autoproducer                   | 39806                         | 41240   | 42853   | 43724   | 44845   | 47855   |
| Combustible fuels                                      | 7442                          | 8408    | 8343    | 8406    | 7725    | 9117    |
| Hydro                                                  | 16502                         | 16431   | 16462   | 16406   | 16407   | 16399   |
| Nuclear                                                | 8999                          | 8656    | 8624    | 7777    | 6899    | 6901    |
| Other                                                  | 6863                          | 7745    | 9424    | 11135   | 13814   | 15438   |
| Main activity                                          | 38521                         | 39792   | 41442   | 42338   | 43385   | 45006   |
| Combustible fuels                                      | 6175                          | 6978    | 6950    | 7020    | 6265    | 6268    |
| Hydro                                                  | 16484                         | 16413   | 16444   | 16406   | 16407   | 16399   |
| Nuclear                                                | 8999                          | 8656    | 8624    | 7777    | 6899    | 6901    |
| Other                                                  | 6863                          | 7745    | 9424    | 11135   | 13814   | 15438   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |         |         |         |         |
| Peat                                                   | 4626                          | 7239    | 4827    | 2291    | 2415    | 1252    |
| Gas-diesel oil                                         | 1075                          | 1634    | 1720    | 1032    | 1849    | 2193    |
| Fuel oil                                               | 1656                          | 2060    | 889     | 687     | 2141    | 2788    |
| Natural gas                                            | 4724                          | 6769    | 4968    | 1484    | 4898    | 2321    |
| Blast furnace gas                                      | 6833                          | 7167    | 6031    | 6322    | 6775    | 5788    |
| Fuelwood                                               | *143783                       | *142651 | *153866 | *134387 | *160731 | *154805 |
| Municipal waste                                        | 65148                         | 60846   | 64100   | 70350   | 69091   | 67200   |
| Industrial waste                                       | 748                           | 755     | 744     | 564     | 126     | 606     |
| Other recovered gases                                  | 1992                          | 1891    | 1351    | 1625    | 1254    | 1526    |
| Other liquid biofuels                                  | 438                           | 658     | 438     | 301     | 1178    | 1041    |
| Others                                                 | 7780                          | 7724    | 5295    | 1039    | 1073    | 1000    |
| <b>Total input</b>                                     | *238804                       | *239394 | *244229 | *220082 | *251532 | *240520 |
| <b>Total production</b>                                | 55969                         | 56056   | 59004   | 49025   | 58093   | 57654   |
| <b>Estimated efficiency (% of production to input)</b> | 23                            | 23      | 24      | 22      | 23      | 24      |



# Statistics on electricity

## Switzerland

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |        |        |
| Total main activity and autoproducer                   | 63095                         | 69110 | 73478 | 71654 | 66042  | 65666  |
| Combustible fuels                                      | 3870                          | 3728  | 3775  | 3863  | 3796   | 3670   |
| Hydro                                                  | 37033                         | 37802 | 40962 | 41022 | 39895  | 33836  |
| Nuclear                                                | 20376                         | 25513 | 26418 | 24025 | 19364  | 24153  |
| Other                                                  | 1816                          | 2067  | 2324  | 2744  | 2987   | 4007   |
| Main activity                                          | 55593                         | 61145 | 65260 | 63014 | 57192  | 56231  |
| Combustible fuels                                      | 664                           | 596   | 617   | 676   | 718    | 640    |
| Hydro                                                  | 34421                         | 34915 | 38079 | 38168 | 36966  | 31289  |
| Nuclear                                                | 20376                         | 25513 | 26418 | 24025 | 19364  | 24153  |
| Other                                                  | 133                           | 122   | 146   | 145   | 145    | 150    |
| Own use in electricity, CHP and heat plants            | 1438                          | 1659  | 1732  | 1634  | 1419   | 1559   |
| Net production                                         | 61657                         | 67451 | 71746 | 70020 | 64623  | 64108  |
| Imports                                                | 36496                         | 31020 | 29505 | 26988 | 31532  | 33117  |
| Exports                                                | 30946                         | 32607 | 35765 | 32548 | 29119  | 29734  |
| Losses                                                 | 4561                          | 4230  | 4156  | 4287  | 4777   | 4893   |
| Consumption                                            | 62634                         | 61632 | 61330 | 60173 | 62259  | 62598  |
| Energy industries own use                              | 4160                          | 3987  | 4133  | 4459  | 4145   | 5567   |
| By industry and construction                           | 17839                         | 17250 | 17208 | 16622 | 17539  | 17308  |
| By transport                                           | 3433                          | 3403  | 3383  | 3172  | 3386   | 3569   |
| By households and other cons.                          | 37202                         | 36992 | 36606 | 35919 | 37189  | 36153  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |        |        |
| Total main activity and autoproducer                   | 21615                         | 22063 | 22423 | 22568 | 23280  | 25319  |
| Combustible fuels                                      | 946                           | 940   | 943   | 954   | 965    | 967    |
| Hydro                                                  | 15353                         | 15541 | 15574 | 15594 | 15612  | 16568  |
| Nuclear                                                | 3333                          | 3333  | 3333  | 2960  | 2960   | 2960   |
| Other                                                  | 1982                          | 2249  | 2573  | 3061  | 3743   | 4825   |
| Main activity                                          | 18286                         | 18456 | 18513 | 18057 | 18229  | 18821  |
| Combustible fuels                                      | 257                           | 257   | 259   | 268   | 287    | 298    |
| Hydro                                                  | 14621                         | 14791 | 14845 | 14742 | 14894  | 15474  |
| Nuclear                                                | 3333                          | 3333  | 3333  | 2960  | 2960   | 2960   |
| Other                                                  | 75                            | 75    | 75    | 87    | 88     | 88     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |        |        |
| Biogas                                                 | 2235                          | 2230  | 2376  | 2573  | 2665   | 2703   |
| Gas-diesel oil                                         | 293                           | 215   | 276   | 247   | 353    | 414    |
| Fuel oil                                               | 2                             | ..    | ..    | 2     | ..     | ..     |
| Liquefied petroleum gas                                | 25                            | 17    | 17    | 10    | 9      | 7      |
| Natural gas                                            | 5568                          | 4927  | 5399  | 5149  | 4132   | 2979   |
| Fuelwood                                               | *6795                         | *6355 | *7807 | *8404 | *10650 | *10623 |
| Municipal waste                                        | 45189                         | 45500 | 45902 | 46074 | 45091  | 43385  |
| Industrial waste                                       | 1034                          | 1189  | 1561  | 1358  | 1588   | 1620   |
| <b>Total input</b>                                     | 61140                         | 60434 | 63338 | 63816 | 64488  | 61731  |
| <b>Total production</b>                                | 13932                         | 13422 | 13591 | 13907 | 13665  | 13211  |
| <b>Estimated efficiency (% of production to input)</b> | 23                            | 22    | 21    | 22    | 21     | 21     |

# Statistics on electricity

## Syrian Arab Republic

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 21613                         | 22300  | 22300  | 21000  | 21677  | 20062  |
| Combustible fuels                                      | 20858                         | 21543  | 21541  | 20225  | 20864  | 19205  |
| Hydro                                                  | 754                           | 754    | 754    | 754    | 754    | 754    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 1                             | 3      | 5      | 21     | 59     | 103    |
| Main activity                                          | 17696                         | 17541  | 17011  | 15800  | 16408  | 14740  |
| Combustible fuels                                      | 16941                         | 16784  | 16252  | 15025  | 15595  | 13883  |
| Hydro                                                  | 754                           | 754    | 754    | 754    | 754    | 754    |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 1                             | 3      | 5      | 21     | 59     | 103    |
| Own use in electricity, CHP and heat plants            | 2469                          | 2547   | 2547   | 2399   | 2476   | 2292   |
| Net production                                         | 19144                         | 19753  | 19753  | 18601  | 19201  | 17770  |
| Imports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Exports                                                | 543                           | 543    | 347    | 317    | 346    | 361    |
| Losses                                                 | 4506                          | 4653   | 4695   | 4424   | 4562   | 4214   |
| Consumption                                            | 15395                         | 15897  | 16040  | 15112  | 15585  | 14395  |
| Energy industries own use                              | ..                            | ..     | ..     | ..     | ..     | ..     |
| By industry and construction                           | 5177                          | 5346   | 5394   | 5082   | 5241   | 4840   |
| By transport                                           | ..                            | ..     | ..     | ..     | ..     | ..     |
| By households and other cons.                          | 10218                         | 10551  | 10646  | 10031  | 10344  | 9554   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | *9690                         | 10059  | 10060  | *10069 | *9602  | *10178 |
| Combustible fuels                                      | *8199                         | 8567   | 8567   | *8567  | *8079  | *8625  |
| Hydro                                                  | 1490                          | 1490   | 1490   | 1490   | 1490   | 1490   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 1                             | 2      | 3      | 12     | 34     | 63     |
| Main activity                                          | *8778                         | 9087   | 9088   | *9097  | *8630  | *9206  |
| Combustible fuels                                      | *7287                         | 7595   | 7595   | *7595  | *7107  | *7653  |
| Hydro                                                  | 1490                          | 1490   | 1490   | 1490   | 1490   | 1490   |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 1                             | 2      | 3      | 12     | 34     | 63     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Gas-diesel oil                                         | 70021                         | 85069  | 94546  | 92958  | 94181  | 95128  |
| Fuel oil                                               | 69407                         | 69407  | 69407  | 69407  | 69407  | 69407  |
| Natural gas                                            | 114151                        | 113534 | 108907 | 95640  | 101811 | 83300  |
| <b>Total input</b>                                     | 253579                        | 268011 | 272860 | 258006 | 265398 | 247835 |
| <b>Total production</b>                                | 75089                         | 77555  | 77548  | 72810  | 75111  | 69138  |
| <b>Estimated efficiency (% of production to input)</b> | 30                            | 29     | 28     | 28     | 28     | 28     |

## Statistics on electricity

### Tajikistan

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | 18144                         | 19743 | 20676 | 19734 | 20624 | 21399 |
| Combustible fuels                                      | 1011                          | 1348  | 1507  | 1620  | 1657  | 1475  |
| Hydro                                                  | 17133                         | 18395 | 19169 | 18114 | 18967 | 19924 |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Main activity                                          | 18144                         | 19743 | 20676 | 19734 | 20624 | 21399 |
| Combustible fuels                                      | 1011                          | 1348  | 1507  | 1620  | 1657  | 1475  |
| Hydro                                                  | 17133                         | 18395 | 19169 | 18114 | 18967 | 19924 |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Own use in electricity, CHP and heat plants            | 229                           | 205   | 213   | 311   | 300   | 222   |
| Net production                                         | 17915                         | 19538 | 20463 | 19423 | 20324 | 21177 |
| Imports                                                | 110                           | 559   | 281   | 379   | 883   | 797   |
| Exports                                                | 1421                          | 2945  | 3175  | 1870  | 3307  | 3341  |
| Losses                                                 | *2873                         | *2968 | 2429  | 2549  | 4071  | 3920  |
| Consumption                                            | 13842                         | 13890 | 14167 | 14965 | 13777 | 14596 |
| Energy industries own use                              | 68                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | 4428                          | *3438 | 3464  | 2346  | 3925  | 3736  |
| By transport                                           | 30                            | 7     | *8    | *8    | 9     | 5     |
| By households and other cons.                          | 9316                          | 10445 | 10695 | 12611 | 9843  | 10855 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | *6577                         | *6577 | 6451  | 6626  | 6626  | 6626  |
| Combustible fuels                                      | *719                          | *719  | 718   | 718   | 718   | 718   |
| Hydro                                                  | *5858                         | *5858 | 5733  | 5908  | 5908  | 5908  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Main activity                                          | *6577                         | *6577 | 6451  | 6626  | 6626  | 6626  |
| Combustible fuels                                      | *719                          | *719  | 718   | 718   | 718   | 718   |
| Hydro                                                  | *5858                         | *5858 | 5733  | 5908  | 5908  | 5908  |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Hard Coal                                              | 10268                         | 15785 | 17280 | 19482 | 15878 | 19240 |
| <b>Total input</b>                                     | 10268                         | 15785 | 17280 | 19482 | 15878 | 19240 |
| <b>Total production</b>                                | 3640                          | 4853  | 5425  | 5832  | 5965  | 5310  |
| <b>Estimated efficiency (% of production to input)</b> | 35                            | 31    | 31    | 30    | 38    | 28    |

# Statistics on electricity

## Thailand

| Item                                                   | 2017                          | 2018    | 2019    | 2020    | 2021    | 2022    |
|--------------------------------------------------------|-------------------------------|---------|---------|---------|---------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |         |         |         |         |
| Total main activity and autoproducer                   | 181940                        | 183241  | 191576  | 189645  | *187758 | 199382  |
| Combustible fuels                                      | 171453                        | 169279  | 176313  | 177227  | *174966 | 184533  |
| Hydro                                                  | 4833                          | 7783    | 6446    | 4656    | 4687    | 6834    |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 5654                          | 6179    | 8818    | 7761    | 8105    | 8015    |
| Main activity                                          | 126251                        | 119114  | 122644  | 189645  | *187758 | 199382  |
| Combustible fuels                                      | 119793                        | 109190  | 111954  | 177227  | *174966 | 184533  |
| Hydro                                                  | 4811                          | 7745    | 6411    | 4656    | 4687    | 6834    |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 1648                          | 2178    | 4279    | 7761    | 8105    | 8015    |
| Own use in electricity, CHP and heat plants            | 3051                          | 3777    | 3827    | 4043    | 3814    | 3608    |
| Net production                                         | 178889                        | 179464  | 187749  | 185602  | *183944 | 195774  |
| Imports                                                | 24427                         | 26669   | 25547   | 29551   | 33358   | 35473   |
| Exports                                                | 1106                          | 1093    | 2882    | 2611    | 1969    | 2060    |
| Losses                                                 | 11920                         | 12904   | 13286   | 12973   | 16122   | 12820   |
| Consumption                                            | 185369                        | 188048  | 193176  | 196706  | 199212  | 217038  |
| Energy industries own use                              | ..                            | ..      | ..      | ..      | ..      | ..      |
| By industry and construction                           | 87772                         | 87829   | 86104   | 75218   | 79896   | 90979   |
| By transport                                           | 245                           | 216     | 215     | 218     | 222     | 270     |
| By households and other cons.                          | 97352                         | 100003  | 106857  | 121270  | 119094  | 125789  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |         |         |         |         |
| Total main activity and autoproducer                   | 44024                         | 45179   | 45260   | 49550   | 52110   | 50580   |
| Combustible fuels                                      | 35226                         | 35426   | 35082   | 41959   | 44459   | 42864   |
| Hydro                                                  | 3467                          | *3682   | *3682   | 3106    | 3109    | *3110   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | *5330                         | *6071   | *6495   | 4485    | 4542    | 4606    |
| Main activity                                          | 27060                         | 28215   | 28296   | 49550   | 52110   | 50580   |
| Combustible fuels                                      | 20277                         | 20477   | 20133   | 41959   | 44459   | 42864   |
| Hydro                                                  | 3452                          | *3667   | *3667   | 3106    | 3109    | *3110   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | *3330                         | *4071   | *4495   | 4485    | 4542    | 4606    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |         |         |         |         |
| Hard Coal                                              | 206690                        | 140669  | 134786  | 139392  | 123919  | 124790  |
| Brown Coal                                             | 168344                        | 160885  | 157593  | 151717  | 149480  | 155710  |
| Biogas                                                 | 10987                         | 23800   | 26380   | 21080   | 23220   | 24620   |
| Gas-diesel oil                                         | 1628                          | 1505    | 1505    | 1118    | 2494    | 12083   |
| Fuel oil                                               | 1890                          | 608     | 987     | 1153    | 3460    | 13389   |
| Natural gas                                            | 1022823                       | 1170474 | 1206373 | 1130477 | 1130087 | 996557  |
| Bagasse                                                | *150652                       | 171462  | 187987  | 163593  | 168311  | 182211  |
| Vegetal waste                                          | *115727                       | *126390 | *138253 | *141193 | *160521 | 263225  |
| Municipal waste                                        | 1521                          | 5681    | 8716    | 12236   | 14602   | 49766   |
| Black liquor                                           | *12581                        | *21121  | *19843  | *17229  | *19329  | 15072   |
| <b>Total input</b>                                     | 1692843                       | 1822594 | 1882424 | 1779188 | 1795423 | 1837423 |
| <b>Total production</b>                                | 617230                        | 609405  | 634726  | 638018  | *629878 | 664319  |
| <b>Estimated efficiency (% of production to input)</b> | 36                            | 33      | 34      | 36      | 35      | 36      |

# Statistics on electricity

## Timor-Leste

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022  |
|--------------------------------------------------------|-------------------------------|------|------|------|------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |       |
| Total main activity and autoproducer                   | 430                           | 453  | 518  | 505  | 510  | *522  |
| Combustible fuels                                      | 427                           | 450  | 515  | 503  | 508  | *520  |
| Hydro                                                  | 2                             | 2    | 2    | 2    | 2    | *2    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 2                             | 1    | 1    | 1    | 1    | *1    |
| Main activity                                          | 430                           | 453  | 518  | 505  | 510  | *522  |
| Combustible fuels                                      | 427                           | 450  | 515  | 503  | 508  | *520  |
| Hydro                                                  | 2                             | 2    | 2    | 2    | 2    | *2    |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 2                             | 1    | 1    | 1    | 1    | *1    |
| Own use in electricity, CHP and heat plants            | 23                            | 27   | 31   | 36   | 31   | *33   |
| Net production                                         | 407                           | 426  | 486  | 469  | 479  | *489  |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Losses                                                 | *85                           | *90  | *103 | *100 | *100 | *100  |
| Consumption                                            | 321                           | 335  | 384  | 370  | 380  | *390  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..    |
| By industry and construction                           | ..                            | ..   | ..   | ..   | ..   | ..    |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..    |
| By households and other cons.                          | 321                           | 335  | 384  | 370  | 380  | *390  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |       |
| Total main activity and autoproducer                   | 284                           | 284  | 283  | 283  | 277  | 277   |
| Combustible fuels                                      | 283                           | 283  | 283  | 283  | 276  | 276   |
| Hydro                                                  | 0                             | 0    | 0    | 0    | 0    | 0     |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 1                             | 1    | 1    | 0    | 0    | 0     |
| Main activity                                          | 284                           | 284  | 283  | 283  | 277  | 277   |
| Combustible fuels                                      | 283                           | 283  | 283  | 283  | 276  | 276   |
| Hydro                                                  | 0                             | 0    | 0    | 0    | 0    | 0     |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..    |
| Other                                                  | 1                             | 1    | 1    | 0    | 0    | 0     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |       |
| Gas-diesel oil                                         | 3523                          | 2861 | 4236 | 4054 | 4494 | 4636  |
| <b>Total input</b>                                     | 3523                          | 2861 | 4236 | 4054 | 4494 | 4636  |
| <b>Total production</b>                                | 1538                          | 1622 | 1855 | 1809 | 1829 | *1872 |
| <b>Estimated efficiency (% of production to input)</b> | 44                            | 57   | 44   | 45   | 41   | 40    |

## Statistics on electricity

### Togo

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 804                           | 588  | 718  | 699  | 618  | 821  |
| Combustible fuels                                      | 595                           | 389  | 476  | 547  | 482  | 651  |
| Hydro                                                  | 207                           | 196  | 236  | 144  | 86   | 78   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 3                             | 3    | 6    | 8    | 51   | 91   |
| Main activity                                          | 798                           | 581  | 706  | 688  | 610  | 812  |
| Combustible fuels                                      | 591                           | 385  | 469  | 543  | 480  | 650  |
| Hydro                                                  | 207                           | 196  | 236  | 144  | 86   | 78   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | 0    | 1    | 45   | 84   |
| Own use in electricity, CHP and heat plants            | 50                            | 15   | 19   | 18   | 12   | 13   |
| Net production                                         | 754                           | 573  | 700  | 681  | 606  | 808  |
| Imports                                                | 846                           | 1076 | 837  | 815  | 1071 | 1126 |
| Exports                                                | 104                           | 192  | 118  | ..   | ..   | ..   |
| Losses                                                 | 171                           | 197  | 98   | 95   | 255  | 202  |
| Consumption                                            | 1322                          | 1239 | 1328 | 1378 | 1419 | 1727 |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | 630                           | 604  | 628  | 642  | 221  | 452  |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 692                           | 635  | 701  | 737  | 1198 | 1276 |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 227                           | 227  | 230  | *259 | *317 | *358 |
| Combustible fuels                                      | 158                           | 157  | 158  | *185 | *193 | *225 |
| Hydro                                                  | 67                            | 67   | 67   | 67   | 67   | 67   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 3                             | 4    | 5    | 7    | 57   | *66  |
| Main activity                                          | 217                           | 216  | 217  | *244 | *252 | *284 |
| Combustible fuels                                      | 150                           | 149  | 150  | *177 | *185 | *217 |
| Hydro                                                  | 67                            | 67   | 67   | 67   | 67   | 67   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 602                           | 155  | 3053 | 258  | 95   | 98   |
| Fuel oil                                               | 2425                          | 1316 | 162  | 4969 | 2    | 2    |
| Natural gas                                            | 1482                          | 1141 | 2510 | 2855 | 5786 | 6717 |
| Fuelwood                                               | ..                            | ..   | 43   | 53   | 53   | 16   |
| <b>Total input</b>                                     | 4509                          | 2612 | 5768 | 8135 | 5935 | 6833 |
| <b>Total production</b>                                | 2141                          | 1400 | 1713 | 1970 | 1735 | 2345 |
| <b>Estimated efficiency (% of production to input)</b> | 47                            | 54   | 30   | 24   | 29   | 34   |

## Statistics on electricity

### Tonga

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 67                            | 66   | 71   | 73   | 75   | 77   |
| Combustible fuels                                      | 61                            | 62   | 64   | 64   | 66   | 70   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 5                             | 4    | 6    | 9    | 9    | 7    |
| Main activity                                          | 67                            | 66   | 71   | 73   | 75   | 77   |
| Combustible fuels                                      | 61                            | 62   | 64   | 64   | 66   | 70   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 5                             | 4    | 6    | 9    | 9    | 7    |
| Own use in electricity, CHP and heat plants            | 2                             | 2    | 2    | 2    | 2    | 2    |
| Net production                                         | 65                            | 64   | 69   | 71   | 73   | 75   |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | 6                             | 6    | 6    | 6    | 6    | 6    |
| Consumption                                            | *59                           | *58  | *63  | *65  | *67  | *70  |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | *59                           | *58  | *63  | *65  | *67  | *70  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | 24                            | 24   | 25   | *25  | *26  | 33   |
| Combustible fuels                                      | 18                            | 18   | 18   | *18  | *18  | 18   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 6                             | 6    | 7    | 8    | 8    | 16   |
| Main activity                                          | 24                            | 24   | 25   | *25  | *26  | 33   |
| Combustible fuels                                      | 18                            | 18   | 18   | *18  | *18  | 18   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 6                             | 6    | 7    | 8    | 8    | 16   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | *550                          | *555 | *576 | *576 | *598 | *624 |
| <b>Total input</b>                                     | *550                          | *555 | *576 | *576 | *598 | *624 |
| <b>Total production</b>                                | 221                           | 221  | 231  | 230  | 239  | 252  |
| <b>Estimated efficiency (% of production to input)</b> | 40                            | 40   | 40   | 40   | 40   | 40   |

# Statistics on electricity

## Trinidad and Tobago

| Item                                                   | 2017                          | 2018  | 2019   | 2020  | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|-------|--------|-------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |        |       |        |        |
| Total main activity and autoproducer                   | 9323                          | 9225  | 9188   | 9225  | 9262   | 9577   |
| Combustible fuels                                      | 9318                          | 9220  | 9183   | 9220  | 9256   | 9571   |
| Hydro                                                  | ..                            | ..    | ..     | ..    | ..     | ..     |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Other                                                  | 6                             | 5     | 5      | 5     | 6      | *6     |
| Main activity                                          | 9241                          | 9149  | 9112   | 9149  | 9185   | 9499   |
| Combustible fuels                                      | 9236                          | 9144  | 9108   | 9144  | 9180   | 9493   |
| Hydro                                                  | ..                            | ..    | ..     | ..    | ..     | ..     |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Other                                                  | 6                             | 5     | 5      | 5     | 6      | *6     |
| Own use in electricity, CHP and heat plants            | 339                           | 336   | 335    | 336   | 337    | 472    |
| Net production                                         | 8984                          | 8889  | 8853   | 8889  | 8924   | 9106   |
| Imports                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Exports                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Losses                                                 | 275                           | 426   | 424    | 423   | 421    | *450   |
| Consumption                                            | 8709                          | 8463  | 8429   | 8463  | 8497   | 8656   |
| Energy industries own use                              | ..                            | ..    | ..     | ..    | ..     | ..     |
| By industry and construction                           | 5265                          | 5116  | 5096   | 5116  | 5137   | 5264   |
| By transport                                           | ..                            | ..    | ..     | ..    | ..     | ..     |
| By households and other cons.                          | 3444                          | 3347  | 3333   | 3347  | 3360   | 3392   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |        |       |        |        |
| Total main activity and autoproducer                   | 2509                          | 2156  | 2118   | 2517  | 2134   | 2134   |
| Combustible fuels                                      | 2506                          | 2153  | 2115   | 2513  | 2130   | 2130   |
| Hydro                                                  | ..                            | ..    | ..     | ..    | ..     | ..     |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Other                                                  | 3                             | 3     | 3      | 4     | 4      | 4      |
| Main activity                                          | 2405                          | 2049  | 2022   | 2421  | 2036   | 2036   |
| Combustible fuels                                      | 2402                          | 2046  | 2019   | 2417  | 2032   | 2032   |
| Hydro                                                  | ..                            | ..    | ..     | ..    | ..     | ..     |
| Nuclear                                                | ..                            | ..    | ..     | ..    | ..     | ..     |
| Other                                                  | 3                             | 3     | 3      | 4     | 4      | 4      |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |        |       |        |        |
| Gas-diesel oil                                         | 294                           | 300   | 317    | 318   | 318    | 320    |
| Other oil products                                     | 158                           | ..    | ..     | ..    | ..     | ..     |
| Natural gas                                            | 101416                        | 97392 | 102221 | 95641 | 99806  | 105663 |
| <b>Total input</b>                                     | 101868                        | 97692 | 102538 | 95958 | 100124 | 105983 |
| <b>Total production</b>                                | 33543                         | 33193 | 33060  | 33193 | 33322  | 34457  |
| <b>Estimated efficiency (% of production to input)</b> | 33                            | 34    | 32     | 35    | 33     | 33     |



## Statistics on electricity

### Tunisia

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 20522                         | 20922  | 22014  | 21449  | 21890  | 21422  |
| Combustible fuels                                      | 19758                         | 20085  | 21038  | 20572  | 20999  | 20552  |
| Hydro                                                  | 17                            | 17     | 66     | 46     | 28     | 15     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 747                           | 820    | 910    | 831    | 863    | 855    |
| Main activity                                          | 19402                         | 19545  | 20549  | 20039  | 20391  | 19801  |
| Combustible fuels                                      | 18936                         | 19075  | 19983  | 19527  | 19925  | 19433  |
| Hydro                                                  | 17                            | 17     | 66     | 46     | 28     | 15     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 449                           | 453    | 500    | 465    | 437    | 353    |
| Own use in electricity, CHP and heat plants            | 428                           | 456    | 471    | 543    | 468    | 447    |
| Net production                                         | 20094                         | 20466  | 21543  | 20907  | 21423  | 20975  |
| Imports                                                | 450                           | 382    | 472    | 369    | 1331   | 2726   |
| Exports                                                | 483                           | 484    | 631    | 969    | 302    | 154    |
| Losses                                                 | 3507                          | 3584   | 3641   | 3725   | 4610   | 4658   |
| Consumption                                            | 16527                         | 16789  | 17704  | 16619  | 17781  | 18810  |
| Energy industries own use                              | 429                           | 375    | 391    | 350    | 335    | 333    |
| By industry and construction                           | 5389                          | 5737   | 5743   | 5288   | 5791   | 5886   |
| By transport                                           | 94                            | 99     | 94     | 82     | 67     | 67     |
| By households and other cons.                          | 10615                         | 10578  | 11476  | 10899  | 11588  | 12524  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 5085                          | 4840   | 5926   | 6237   | 6288   | 6604   |
| Combustible fuels                                      | 4734                          | 4474   | 5539   | 5820   | 5822   | 5888   |
| Hydro                                                  | 62                            | 62     | 62     | 62     | 62     | 62     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 289                           | 304    | 325    | 355    | 404    | 654    |
| Main activity                                          | 4838                          | 4578   | 5653   | 5934   | 5944   | 6210   |
| Combustible fuels                                      | 4536                          | 4276   | 5341   | 5622   | 5622   | 5688   |
| Hydro                                                  | 62                            | 62     | 62     | 62     | 62     | 62     |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | 240                           | 240    | 250    | 250    | 260    | 460    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Gas-diesel oil                                         | 37                            | 32     | 29     | 232    | 22     | 21     |
| Fuel oil                                               | 727                           | 808    | 549    | 492    | 548    | 513    |
| Natural gas                                            | 173384                        | 176826 | 185286 | 180310 | 183906 | 169105 |
| <b>Total input</b>                                     | 174149                        | 177666 | 185864 | 181034 | 184477 | 169639 |
| <b>Total production</b>                                | 71129                         | 72306  | 75737  | 74059  | 75597  | 73987  |
| <b>Estimated efficiency (% of production to input)</b> | 41                            | 41     | 41     | 41     | 41     | 44     |

# Statistics on electricity

## Türkiye

| Item                                                   | 2017                          | 2018    | 2019    | 2020    | 2021    | 2022    |
|--------------------------------------------------------|-------------------------------|---------|---------|---------|---------|---------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |         |         |         |         |         |
| Total main activity and autoproducer                   | 297278                        | 304802  | 303898  | 306703  | 334723  | 328379  |
| Combustible fuels                                      | 211290                        | 208733  | 174041  | 181526  | 221312  | 197261  |
| Hydro                                                  | 58218                         | 59938   | 88823   | 78094   | 55927   | 66802   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 27769                         | 36130   | 41034   | 47083   | 57484   | 64316   |
| Main activity                                          | 276993                        | 284884  | 280964  | 281027  | 304617  | 302789  |
| Combustible fuels                                      | 193609                        | 192399  | 155443  | 160684  | 195992  | 178321  |
| Hydro                                                  | 57252                         | 58865   | 87540   | 77068   | 55889   | 66755   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 26133                         | 33620   | 37980   | 43274   | 52736   | 57712   |
| Own use in electricity, CHP and heat plants            | 13020                         | 14300   | 14762   | 14039   | 15183   | 15462   |
| Net production                                         | 284258                        | 290502  | 289136  | 292664  | 319540  | 312918  |
| Imports                                                | 2728                          | 2477    | 2212    | 1890    | 2334    | 6439    |
| Exports                                                | 3304                          | 3112    | 2789    | 2484    | 4186    | 3713    |
| Losses                                                 | 34659                         | 31635   | 31285   | 29368   | 30997   | 29067   |
| Consumption                                            | 249023                        | 258232  | 257273  | 262702  | 286691  | 286576  |
| Energy industries own use                              | 3267                          | 3298    | 4066    | 3977    | 4104    | 4296    |
| By industry and construction                           | 113215                        | 114414  | 111610  | 116050  | 133285  | 129042  |
| By transport                                           | 1247                          | 1350    | 1578    | 1436    | 1571    | 1790    |
| By households and other cons.                          | 131293                        | 139170  | 140020  | 141239  | 147731  | 151449  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |         |         |         |         |         |
| Total main activity and autoproducer                   | 85200                         | 88551   | 91267   | 95891   | 99820   | 103809  |
| Combustible fuels                                      | 46762                         | 46712   | 47284   | 47396   | 47820   | 49291   |
| Hydro                                                  | 27273                         | 28291   | 28503   | 30984   | 31493   | 31571   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 11165                         | 13548   | 15480   | 17510   | 20507   | 22947   |
| Main activity                                          | 79011                         | 82113   | 83679   | 87817   | 91664   | 94642   |
| Combustible fuels                                      | 42345                         | 42262   | 42062   | 42113   | 42457   | 43841   |
| Hydro                                                  | 26722                         | 27740   | 27951   | 30426   | 31478   | 31558   |
| Nuclear                                                | ..                            | ..      | ..      | ..      | ..      | ..      |
| Other                                                  | 9944                          | 12112   | 13666   | 15278   | 17729   | 19243   |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |         |         |         |         |         |
| Hard Coal                                              | 518543                        | 612465  | 609747  | 617633  | 559788  | 628955  |
| Brown Coal                                             | 550750                        | 587461  | 617324  | 499674  | 587673  | 630892  |
| Biogas                                                 | 17569                         | 20496   | 24824   | 28029   | 37659   | 41908   |
| Fuel oil                                               | 5010                          | 2815    | 3738    | 4395    | 3351    | 5036    |
| Petroleum coke                                         | ..                            | ..      | ..      | ..      | ..      | 8288    |
| Natural gas                                            | 805752                        | 662079  | 425807  | 516229  | 784712  | 536340  |
| Coke-oven gas                                          | 10686                         | 11457   | 9757    | 9488    | 8306    | 7407    |
| Blast furnace gas                                      | 25637                         | 21013   | 20009   | 20297   | 21612   | 19521   |
| Fuelwood                                               | *3288                         | *6269   | *11765  | *20367  | *31575  | *39357  |
| Municipal waste                                        | ..                            | 171     | 436     | 364     | 4382    | 9019    |
| Others                                                 | 7532                          | 2289    | 427     | 504     | 625     | 724     |
| <b>Total input</b>                                     | 1944765                       | 1926516 | 1723833 | 1716981 | 2039685 | 1927447 |
| <b>Total production</b>                                | 760644                        | 751440  | 626548  | 653493  | 796724  | 710138  |
| <b>Estimated efficiency (% of production to input)</b> | 39                            | 39      | 36      | 38      | 39      | 37      |

# Statistics on electricity

## Turkmenistan

| Item                                                   | 2017                          | 2018   | 2019   | 2020   | 2021   | 2022   |
|--------------------------------------------------------|-------------------------------|--------|--------|--------|--------|--------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |        |        |        |        |        |
| Total main activity and autoproducer                   | 23897                         | 25364  | 22500  | 25763  | 28400  | 32600  |
| Combustible fuels                                      | 23893                         | 25361  | 22497  | 25759  | 28394  | 32594  |
| Hydro                                                  | 3                             | 3      | 3      | 3      | 6      | 6      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Main activity                                          | 23897                         | 25364  | 22500  | 25763  | 28400  | 32600  |
| Combustible fuels                                      | 23893                         | 25361  | 22497  | 25759  | 28394  | 32594  |
| Hydro                                                  | 3                             | 3      | 3      | 3      | 6      | 6      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Own use in electricity, CHP and heat plants            | 1806                          | 1917   | 1700   | 1947   | 2146   | 2464   |
| Net production                                         | 22091                         | 23447  | 20800  | 23816  | 26254  | 30136  |
| Imports                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Exports                                                | 3395                          | 3603   | 1731   | 4444   | 6479   | 9000   |
| Losses                                                 | 3066                          | 3254   | 3235   | 3119   | 3063   | 3144   |
| Consumption                                            | 15630                         | 16590  | 15834  | 16253  | 16712  | 17992  |
| Energy industries own use                              | 2399                          | 2546   | 2430   | 2495   | 2565   | 2762   |
| By industry and construction                           | 4775                          | 5068   | 4837   | 4965   | 5105   | 5496   |
| By transport                                           | 344                           | 365    | 349    | 358    | 368    | 396    |
| By households and other cons.                          | 8112                          | 8610   | 8218   | 8435   | 8674   | 9338   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |        |        |        |        |        |
| Total main activity and autoproducer                   | 4937                          | 6511   | 6511   | 6511   | 6511   | 6511   |
| Combustible fuels                                      | 4935                          | 6510   | 6510   | 6510   | 6510   | 6510   |
| Hydro                                                  | 1                             | 1      | 1      | 1      | 1      | 1      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| Main activity                                          | 4937                          | 6511   | 6511   | 6511   | 6511   | 6511   |
| Combustible fuels                                      | 4935                          | 6510   | 6510   | 6510   | 6510   | 6510   |
| Hydro                                                  | 1                             | 1      | 1      | 1      | 1      | 1      |
| Nuclear                                                | ..                            | ..     | ..     | ..     | ..     | ..     |
| Other                                                  | ..                            | ..     | ..     | ..     | ..     | ..     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |        |        |        |        |        |
| Natural gas                                            | 410755                        | 427994 | 392556 | 357975 | 431617 | 510137 |
| <b>Total input</b>                                     | 410755                        | 427994 | 392556 | 357975 | 431617 | 510137 |
| <b>Total production</b>                                | 86016                         | 91299  | 80989  | 92734  | 102219 | 117339 |
| <b>Estimated efficiency (% of production to input)</b> | 21                            | 21     | 21     | 26     | 24     | 23     |

# Statistics on electricity

## Turks and Caicos Islands

| Item                                                   | 2017                          | 2018  | 2019  | 2020  | 2021  | 2022  |
|--------------------------------------------------------|-------------------------------|-------|-------|-------|-------|-------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |       |       |       |       |       |
| Total main activity and autoproducer                   | *293                          | *258  | *261  | *256  | *267  | *265  |
| Combustible fuels                                      | *293                          | *257  | *260  | *255  | *263  | *261  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 1     | 1     | 1     | 4     | *4    |
| Main activity                                          | *293                          | *258  | *261  | *256  | *267  | *265  |
| Combustible fuels                                      | *293                          | *257  | *260  | *255  | *263  | *261  |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 1     | 1     | 1     | 4     | *4    |
| Own use in electricity, CHP and heat plants            | *3                            | *9    | *7    | *7    | *9    | *7    |
| Net production                                         | *290                          | *249  | *254  | *249  | *257  | *259  |
| Imports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Exports                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Losses                                                 | *10                           | *13   | *13   | *13   | *14   | *13   |
| Consumption                                            | 284                           | 237   | *241  | *237  | *244  | *246  |
| Energy industries own use                              | ..                            | ..    | ..    | ..    | ..    | ..    |
| By industry and construction                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By transport                                           | ..                            | ..    | ..    | ..    | ..    | ..    |
| By households and other cons.                          | 284                           | 237   | *241  | *237  | *244  | *246  |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |       |       |       |       |       |
| Total main activity and autoproducer                   | 82                            | 84    | 91    | 91    | 92    | *93   |
| Combustible fuels                                      | 82                            | 84    | 90    | 90    | 90    | *90   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 1     | 1     | 3     | 3     |
| Main activity                                          | 82                            | 84    | 91    | 91    | 92    | *93   |
| Combustible fuels                                      | 82                            | 84    | 90    | 90    | 90    | *90   |
| Hydro                                                  | ..                            | ..    | ..    | ..    | ..    | ..    |
| Nuclear                                                | ..                            | ..    | ..    | ..    | ..    | ..    |
| Other                                                  | 0                             | 0     | 1     | 1     | 3     | 3     |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |       |       |       |       |       |
| Gas-diesel oil                                         | *2666                         | *2774 | *2855 | *2817 | *2872 | *2860 |
| <b>Total input</b>                                     | *2666                         | *2774 | *2855 | *2817 | *2872 | *2860 |
| <b>Total production</b>                                | *1055                         | *925  | *935  | *918  | *946  | *941  |
| <b>Estimated efficiency (% of production to input)</b> | 40                            | 33    | 33    | 33    | 33    | 33    |

# Statistics on electricity

## Tuvalu

| Item                                                   | 2017                          | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------------------------|-------------------------------|------|------|------|------|------|
| <b>Production, trade and consumption</b>               | <b>Million kilowatt-hours</b> |      |      |      |      |      |
| Total main activity and autoproducer                   | 8                             | 9    | 9    | *10  | *10  | *10  |
| Combustible fuels                                      | 6                             | 7    | 7    | *8   | *8   | *8   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 2    | 2    | 2    | 2    | *2   |
| Main activity                                          | 8                             | 9    | 9    | *10  | *10  | *10  |
| Combustible fuels                                      | 6                             | 7    | 7    | *8   | *8   | *8   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 2    | 2    | 2    | 2    | *2   |
| Own use in electricity, CHP and heat plants            | 1                             | 1    | 1    | 0    | *2   | *2   |
| Net production                                         | 7                             | 8    | 8    | *9   | *8   | *8   |
| Imports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Exports                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Losses                                                 | *1                            | *1   | *1   | *1   | *1   | *1   |
| Consumption                                            | 7                             | 7    | 7    | 9    | *7   | *7   |
| Energy industries own use                              | ..                            | ..   | ..   | ..   | ..   | ..   |
| By industry and construction                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By transport                                           | ..                            | ..   | ..   | ..   | ..   | ..   |
| By households and other cons.                          | 7                             | 7    | 7    | 9    | *7   | *7   |
| <b>Net installed capacity</b>                          | <b>Thousand kilowatts</b>     |      |      |      |      |      |
| Total main activity and autoproducer                   | *5                            | 5    | 7    | 7    | 7    | 7    |
| Combustible fuels                                      | *3                            | 3    | *3   | *3   | *3   | *3   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 2    | 4    | 4    | 4    | 4    |
| Main activity                                          | *5                            | 5    | 7    | 7    | 7    | 7    |
| Combustible fuels                                      | *3                            | 3    | *3   | *3   | *3   | *3   |
| Hydro                                                  | ..                            | ..   | ..   | ..   | ..   | ..   |
| Nuclear                                                | ..                            | ..   | ..   | ..   | ..   | ..   |
| Other                                                  | 2                             | 2    | 4    | 4    | 4    | 4    |
| <b>Combustible fuel input</b>                          | <b>Terajoules</b>             |      |      |      |      |      |
| Gas-diesel oil                                         | 62                            | 69   | 77   | 82   | *83  | *83  |
| <b>Total input</b>                                     | 62                            | 69   | 77   | 82   | *83  | *83  |
| <b>Total production</b>                                | 23                            | 24   | 25   | *29  | *29  | *30  |
| <b>Estimated efficiency (% of production to input)</b> | 36                            | 36   | 33   | 35   | 35   | 36   |