

**Table ES1. Summary Statistics for the United States, 1997 through 2008**

| Description   | 2008             | 2007                   | 2006                   | 2005                   | 2004                   | 2003                   | 2002                   | 2001                   | 2000                   | 1999                   | 1998                   | 1997                   |
|---|------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| <b>Net Generation (thousand megawatthours)</b>  |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Coal <sup>1</sup> .....   | 1,985,801        | 2,016,456              | 1,990,511              | 2,012,873              | 1,978,301              | 1,973,737              | 1,933,130              | 1,903,956              | 1,966,265              | 1,881,087              | 1,873,516              | 1,845,016              |
| Petroleum <sup>2</sup> .....  | 46,243           | 65,739                 | 64,166                 | 122,225                | 121,145                | 119,406                | 94,567                 | 124,880                | 111,221                | 118,061                | 128,800                | 92,555                 |
| Natural Gas <sup>3</sup> .....  | 882,981          | 896,590                | 816,441                | 760,960                | 710,100                | 649,908                | 691,006                | 639,129                | 601,038                | 556,396                | 531,257                | 479,399                |
| Other Gases <sup>4</sup> .....  | 11,707           | 13,453                 | 14,177                 | 13,464                 | 15,252                 | 15,600                 | 11,463                 | 9,039                  | 13,955                 | 14,126                 | 13,492                 | 13,351                 |
| Nuclear.....  | 806,208          | 806,425                | 787,219                | 781,986                | 788,528                | 763,733                | 780,064                | 768,826                | 753,893                | 728,254                | 673,702                | 628,644                |
| Hydroelectric Conventional <sup>5</sup> .....   | 254,831          | 247,510                | 289,246                | 270,321                | 268,417                | 275,806                | 264,329                | 216,961                | 275,573                | 319,536                | 323,336                | 356,453                |
| Other Renewables <sup>6</sup> .....   | 126,212          | 105,238                | 96,525                 | 87,329                 | 83,067                 | 79,487                 | 79,109                 | 70,769                 | 80,906                 | 79,423                 | 77,088                 | 77,183                 |
| Wind.....   | 55,363           | 34,450                 | 26,589                 | 17,811                 | 14,144                 | 11,187                 | 10,354                 | 6,737                  | 5,593                  | 4,488                  | 3,026                  | 3,288                  |
| Solar Thermal and Photovoltaic.....   | 864              | 612                    | 508                    | 550                    | 575                    | 534                    | 555                    | 543                    | 493                    | 495                    | 502                    | 511                    |
| Wood and Wood Derived Fuels <sup>7</sup> .....  | 37,300           | 39,014                 | 38,762                 | 38,856                 | 38,117                 | 37,529                 | 38,665                 | 35,200                 | 37,595                 | 37,041                 | 36,338                 | 36,948                 |
| Geothermal.....   | 14,951           | 14,637                 | 14,568                 | 14,692                 | 14,811                 | 14,424                 | 14,491                 | 13,741                 | 14,093                 | 14,827                 | 14,774                 | 14,726                 |
| Other Biomass <sup>8</sup> .....  | 17,734           | 16,525                 | 16,099                 | 15,420                 | 15,421                 | 15,812                 | 15,044                 | 14,548                 | 23,131                 | 22,572                 | 22,448                 | 21,709                 |
| Pumped Storage <sup>9</sup> .....   | -6,288           | -6,896                 | -6,558                 | -6,558                 | -8,488                 | -8,535                 | -8,743                 | -8,823                 | -5,539                 | -6,097                 | -4,467                 | -4,040                 |
| Other <sup>10</sup> .....   | 11,692           | 12,231                 | 12,974                 | 12,821                 | 14,232                 | 14,045                 | 13,527                 | 11,906                 | 4,794                  | 4,024                  | 3,571                  | 3,612                  |
| <b>All Energy Sources.....</b>  | <b>4,119,388</b> | <b>4,156,745</b>       | <b>4,064,702</b>       | <b>4,055,423</b>       | <b>3,970,555</b>       | <b>3,883,185</b>       | <b>3,858,452</b>       | <b>3,736,644</b>       | <b>3,802,105</b>       | <b>3,694,810</b>       | <b>3,620,295</b>       | <b>3,492,172</b>       |
| <b>Net Summer Generating Capacity (megawatts)</b>   |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Coal.....   | 313,322          | 312,738                | 312,956                | 313,380                | 313,020                | 313,019                | 315,350                | 314,230                | 315,114                | 315,496                | 315,786                | 313,624                |
| Petroleum <sup>2</sup> .....  | 57,445           | 56,068                 | 58,097                 | 58,548                 | 59,119                 | 60,730                 | 59,651                 | 66,162                 | 61,837                 | 60,069                 | 66,282                 | 72,463                 |
| Natural Gas <sup>3</sup> .....  | 397,432          | 392,876                | 388,294                | 383,061                | 371,011                | 355,442                | 312,512                | 252,832                | 219,590                | 195,119                | 180,288                | 176,471                |
| Other Gases <sup>4</sup> .....  | 1,995            | 2,313                  | 2,256                  | 2,063                  | 2,296                  | 1,994                  | 2,008                  | 1,670                  | 2,342                  | 1,909                  | 1,520                  | 1,525                  |
| Nuclear.....  | 100,755          | 100,266                | 100,334                | 99,988                 | 99,628                 | 99,209                 | 98,657                 | 98,159                 | 97,860                 | 97,411                 | 97,070                 | 99,716                 |
| Hydroelectric Conventional <sup>5</sup> .....   | 77,930           | 77,885                 | 77,821                 | 77,541                 | 77,641                 | 78,694                 | 79,356                 | 78,916                 | 79,359                 | 79,393                 | 79,151                 | 79,415                 |
| Other Renewables <sup>6</sup> .....   | 38,493           | 30,069                 | 24,113                 | 21,205                 | 18,717                 | 18,153                 | 16,710                 | 16,101                 | 15,572                 | 15,942                 | 15,444                 | 15,351                 |
| Wind.....   | 24,651           | 16,515                 | 11,329                 | 8,706                  | 6,456                  | 5,995                  | 4,417                  | 3,864                  | 2,377                  | 2,252                  | 1,720                  | 1,610                  |
| Solar Thermal and Photovoltaic.....   | 536              | 502                    | 411                    | 411                    | 398                    | 397                    | 397                    | 392                    | 386                    | 389                    | 335                    | 334                    |
| Wood and Wood Derived Fuels <sup>7</sup> .....  | 6,864            | 6,704                  | 6,372                  | 6,193                  | 6,182                  | 5,871                  | 5,844                  | 5,882                  | 6,147                  | 6,795                  | 6,802                  | 6,924                  |
| Geothermal.....   | 2,256            | 2,214                  | 2,274                  | 2,285                  | 2,152                  | 2,133                  | 2,252                  | 2,216                  | 2,793                  | 2,846                  | 2,893                  | 2,893                  |
| Other Biomass <sup>11</sup> .....   | 4,186            | 4,134                  | 3,727                  | 3,609                  | 3,529                  | 3,758                  | 3,800                  | 3,748                  | 3,869                  | 3,660                  | 3,694                  | 3,590                  |
| Pumped Storage <sup>9</sup> .....   | 21,858           | 21,886                 | 21,461                 | 21,347                 | 20,764                 | 20,522                 | 20,371                 | 19,664                 | 19,522                 | 19,565                 | 19,518                 | 19,310                 |
| Other <sup>12</sup> .....   | 942              | 788                    | 882                    | 887                    | 746                    | 684                    | 686                    | 519                    | 523                    | 1,023                  | 810                    | 774                    |
| <b>All Energy Sources.....</b>  | <b>1,010,171</b> | <b>994,888</b>         | <b>986,215</b>         | <b>978,020</b>         | <b>962,942</b>         | <b>948,446</b>         | <b>905,301</b>         | <b>848,254</b>         | <b>811,719</b>         | <b>785,927</b>         | <b>775,868</b>         | <b>778,649</b>         |
| <b>Demand, Capacity Resources, and Capacity Margins – Summer</b>                            |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Net Internal Demand (megawatts).....  | 744,151          | 766,786 <sup>R</sup>   | 776,479 <sup>R</sup>   | 746,470                | 692,908                | 696,752                | 696,376                | 674,833                | 680,941                | 653,857                | 638,086                | 618,389                |
| Capacity Resources (megawatts) <sup>13</sup> .....  | 909,504          | 914,397 <sup>R</sup>   | 891,226 <sup>R</sup>   | 882,125                | 875,870                | 856,131                | 833,380                | 788,990                | 808,054                | 765,744                | 744,670                | 737,855                |
| Capacity Margins (percent) <sup>13</sup> .....  | 18.2             | 16.1 <sup>R</sup>      | 12.9 <sup>R</sup>      | 15.4                   | 20.9                   | 18.6                   | 16.4                   | 14.5                   | 15.7                   | 14.6                   | 14.3                   | 16.2                   |
| <b>Fuel</b>   |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| <b>Consumption of Fossil Fuels for Electricity Generation</b>                               |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Coal (thousand tons) <sup>1</sup> .....   | 1,042,335        | 1,046,795              | 1,030,556              | 1,041,448              | 1,020,523              | 1,014,058              | 987,583                | 972,691                | 994,933                | 949,802                | 946,295                | 931,949                |
| Petroleum (thousand barrels) <sup>2</sup> .....   | 80,932           | 112,615                | 110,634                | 206,785                | 203,494                | 206,653                | 168,597                | 216,672                | 195,228                | 207,871                | 222,640                | 159,715                |
| Natural Gas (millions of cubic feet) <sup>3</sup> .....                                     | 6,895,843        | 7,089,342              | 6,461,615              | 6,036,370              | 5,674,580              | 5,616,135              | 6,126,062              | 5,832,305              | 5,691,481              | 5,321,984              | 5,081,384              | 4,564,770              |
| Other Gases (millions of Btu) <sup>4</sup> .....  | 96,757           | 114,904                | 114,665                | 109,916                | 135,144                | 156,306                | 131,230                | 97,308                 | 125,971                | 126,387                | 124,988                | 119,412                |
| <b>Consumption of Fossil Fuels for Thermal Output in Combined Heat and Power Facilities</b> |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Coal (thousand tons) <sup>1</sup> .....   | 22,168           | 22,810                 | 23,227                 | 23,833                 | 24,275                 | 17,720                 | 17,561                 | 18,944                 | 20,466                 | 20,373                 | 20,320                 | 21,005                 |
| Petroleum (thousand barrels) <sup>2</sup> .....   | 12,016           | 19,775                 | 20,371                 | 24,408                 | 25,870                 | 17,939                 | 14,811                 | 18,268                 | 22,266                 | 26,822                 | 28,845                 | 28,802                 |
| Natural Gas (millions of cubic feet) <sup>3</sup> .....                                     | 793,537          | 872,579                | 942,817                | 984,340                | 1,052,100              | 721,267                | 860,019                | 898,286                | 985,263                | 982,958                | 949,106                | 868,569                |
| Other Gases (millions of Btu) <sup>4</sup> .....  | 203,236          | 214,321                | 226,464                | 238,396                | 218,295                | 137,837                | 146,882                | 166,161                | 230,082                | 223,713                | 208,828                | 187,680                |
| <b>Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output</b>     |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Coal (thousand tons) <sup>1</sup> .....   | 1,064,503        | 1,069,606              | 1,053,783              | 1,065,281              | 1,044,798              | 1,031,778              | 1,005,144              | 991,635                | 1,015,398              | 970,175                | 966,615                | 952,955                |
| Petroleum (thousand barrels) <sup>2</sup> .....   | 92,948           | 132,389                | 131,005                | 231,193                | 229,364                | 224,593                | 183,408                | 234,940                | 217,494                | 234,694                | 251,486                | 188,517                |
| Natural Gas (millions of cubic feet) <sup>3</sup> .....                                     | 7,689,380        | 7,961,922              | 7,404,432              | 7,020,709              | 6,726,679              | 6,337,402              | 6,986,081              | 6,730,591              | 6,676,744              | 6,304,942              | 6,030,490              | 5,433,338              |
| Other Gases (millions of Btu) <sup>4</sup> .....  | 299,993          | 329,225                | 341,129                | 348,312                | 353,438                | 294,143                | 278,111                | 263,469                | 356,053                | 350,100                | 333,816                | 307,092                |
| <b>Stocks at Electric Power Sector Facilities (year end)</b>                                |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Coal (thousand tons) <sup>14</sup> .....  | 161,589          | 151,221                | 140,964                | 101,137                | 106,669                | 121,567                | 141,714                | 138,496                | 102,296                | 141,604                | 120,501                | 98,826                 |
| Petroleum (thousand barrels) <sup>15</sup> .....  | 44,498           | 47,203                 | 51,583                 | 50,062                 | 51,434                 | 53,170                 | 52,490                 | 57,031                 | 40,932                 | 54,109                 | 56,591                 | 51,138                 |
| <b>Receipts of Fuel at Electricity Generators<sup>16</sup></b>                              |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Coal (thousand tons) <sup>1</sup> .....   | 1,069,709        | 1,054,664              | 1,079,943              | 1,021,437              | 1,002,032              | 986,026                | 884,287                | 762,815                | 790,274                | 908,232                | 929,448                | 880,588                |
| Petroleum (thousand barrels) <sup>2</sup> .....   | 96,341           | 88,347                 | 100,965                | 194,733                | 186,655                | 185,567                | 120,851                | 124,618                | 108,272                | 145,939                | 181,276                | 128,749                |
| Natural Gas (millions of cubic feet) <sup>17</sup> .....                                    | 7,879,046        | 7,200,316              | 6,675,246              | 6,181,717              | 5,734,054              | 5,500,704              | 5,607,737              | 2,148,924              | 2,629,986              | 2,809,455              | 2,922,957              | 2,764,734              |
| <b>Cost of Fuel at Electricity Generators (cents per million Btu)<sup>16</sup></b>          |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Coal <sup>1</sup> .....   | 207              | 177                    | 169                    | 154                    | 136                    | 128                    | 125                    | 123                    | 120                    | 122                    | 125                    | 127                    |
| Petroleum <sup>2</sup> .....  | 1,087            | 717                    | 623                    | 644                    | 429                    | 433                    | 334                    | 369                    | 418                    | 236                    | 202                    | 273                    |
| Natural Gas <sup>17</sup> .....   | 902              | 711                    | 694                    | 821                    | 596                    | 539                    | 356                    | 449                    | 430                    | 257                    | 238                    | 276                    |
| <b>Emissions (thousand metric tons)</b>   |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Carbon Dioxide (CO <sub>2</sub> ).....  | 2,477,213        | 2,539,805 <sup>R</sup> | 2,481,829 <sup>R</sup> | 2,536,675 <sup>R</sup> | 2,479,971 <sup>R</sup> | 2,438,338 <sup>R</sup> | 2,417,327 <sup>R</sup> | 2,412,030 <sup>R</sup> | 2,464,550 <sup>R</sup> | 2,360,424 <sup>R</sup> | 2,345,951 <sup>R</sup> | 2,253,783 <sup>R</sup> |
| Sulfur Dioxide (SO <sub>2</sub> ) <sup>18</sup> .....                                       | 7,830            | 9,042                  | 9,524                  | 10,340                 | 10,309                 | 10,646                 | 10,881                 | 11,174                 | 11,963                 | 12,843                 | 13,464                 | 13,480                 |
| Nitrogen Oxides (NO <sub>x</sub> ) <sup>18</sup> .....                                      | 3,330            | 3,650                  | 3,799                  | 3,961                  | 4,143                  | 4,532                  | 5,194                  | 5,290                  | 5,638                  | 5,955                  | 6,459                  | 6,500                  |
| <b>Trade (million megawatthours)</b>  |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Purchases.....  | 5,613            | 5,411                  | 5,503                  | 6,092                  | 6,999                  | 6,980                  | 8,755                  | 7,555                  | 2,346                  | 2,040                  | 2,021                  | 1,966                  |
| Sales for Resale.....   | 5,681            | 5,479                  | 5,493                  | 6,072                  | 6,759                  | 6,921                  | 8,569                  | 7,345                  | 2,355                  | 1,998                  | 1,922                  | 1,839                  |
| <b>Electricity Imports and Exports (thousand megawatthours)</b>                             |                  |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
| Imports.....  | 57,021           | 51,396                 | 42,691                 | 44,527                 | 34,210                 | 30,395                 | 36,779                 | 38,500                 | 48,592                 | 43,215                 | 39,513                 | 43,031                 |
| Exports.....  | 24,083           | 20,144                 | 24,271                 | 19,791                 | 22,898                 | 23,975                 | 15,796                 | 16,473                 | 14,829                 | 14,222                 | 13,656                 | 8,974                  |

See end of table for Notes and Sources.

**Table ES1. Summary Statistics for the United States, 1997 through 2008**  
(Continued)

| Description  | 2008      | 2007                 | 2006                 | 2005                 | 2004                 | 2003                 | 2002                 | 2001                 | 2000                 | 1999                 | 1998                 | 1997                 |
|--|-----------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Retail Sales and Revenue Data – Bundled and Unbundled</b> |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| <b>Number of Ultimate Customers (thousands)</b>              |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential .....  | 124,937   | 123,950              | 122,471              | 120,761              | 118,764              | 117,280              | 116,622              | 114,890              | 111,718              | 110,383              | 109,048              | 107,066              |
| Commercial .....   | 17,563    | 17,377               | 17,172               | 16,872               | 16,607               | 16,550               | 15,334               | 14,867               | 14,349               | 14,074               | 13,887               | 13,542               |
| Industrial .....   | 775       | 794                  | 760                  | 734                  | 748                  | 713                  | 602                  | 571                  | 527                  | 553                  | 540                  | 563                  |
| Transportation.....  | 1         | 1                    | 1                    | 1                    | 1                    | 1                    | NA                   | NA                   | NA                   | NA                   | NA                   | NA                   |
| Other .....  | NA        | NA                   | NA                   | NA                   | NA                   | NA                   | 1,067                | 1,030                | 974                  | 935                  | 933                  | 952                  |
| All Sectors .....  | 143,276   | 142,122              | 140,404              | 138,367              | 136,119              | 134,544              | 133,624              | 131,359              | 127,568              | 125,945              | 124,408              | 122,123              |
| <b>Sales to Ultimate Customers (thousand megawatthours)</b>  |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential .....  | 1,379,981 | 1,392,241            | 1,351,520            | 1,359,227            | 1,291,982            | 1,275,824            | 1,265,180            | 1,201,607            | 1,192,446            | 1,144,923            | 1,130,109            | 1,075,880            |
| Commercial .....   | 1,335,981 | 1,336,315            | 1,299,744            | 1,275,079            | 1,230,425            | 1,198,728            | 1,104,497            | 1,083,069            | 1,055,232            | 1,001,996            | 979,401              | 928,633              |
| Industrial .....   | 1,009,300 | 1,027,832            | 1,011,298            | 1,019,156            | 1,017,850            | 1,012,373            | 990,238              | 996,609              | 1,064,239            | 1,058,217            | 1,051,203            | 1,038,197            |
| Transportation.....  | 7,700     | 8,173                | 7,358                | 7,506                | 7,224                | 6,810                | NA                   | NA                   | NA                   | NA                   | NA                   | NA                   |
| Other .....  | NA        | NA                   | NA                   | NA                   | NA                   | NA                   | 105,552              | 113,174              | 109,496              | 106,952              | 103,518              | 102,901              |
| All Sectors .....  | 3,732,962 | 3,764,561            | 3,669,919            | 3,660,969            | 3,547,479            | 3,493,734            | 3,465,466            | 3,394,458            | 3,421,414            | 3,312,087            | 3,264,231            | 3,145,610            |
| Direct Use.....  | 173,481   | 159,254              | 146,927              | 150,016              | 168,470              | 168,295              | 166,184              | 162,649              | 170,943              | 171,629              | 160,866              | 156,239              |
| Total Disposition .....                                      | 3,906,443 | 3,923,814            | 3,816,845            | 3,810,984            | 3,715,949            | 3,662,029            | 3,631,650            | 3,557,107            | 3,592,357            | 3,483,716            | 3,425,097            | 3,301,849            |
| <b>Revenue From Ultimate Customers (million dollars)</b>     |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential .....  | 155,433   | 148,295              | 140,582              | 128,393              | 115,577              | 111,249              | 106,834              | 103,158              | 98,209               | 93,483               | 93,360               | 90,704               |
| Commercial .....   | 138,469   | 128,903              | 122,914              | 110,522              | 100,546              | 96,263               | 87,117               | 85,741               | 78,405               | 72,771               | 72,575               | 70,497               |
| Industrial .....   | 68,920    | 65,712               | 62,308               | 58,445               | 53,477               | 51,741               | 48,336               | 50,293               | 49,369               | 46,846               | 47,050               | 47,023               |
| Transportation.....  | 827       | 792                  | 702                  | 643                  | 519                  | 514                  | NA                   | NA                   | NA                   | NA                   | NA                   | NA                   |
| Other .....  | NA        | NA                   | NA                   | NA                   | NA                   | NA                   | 7,124                | 8,151                | 7,179                | 6,796                | 6,863                | 7,110                |
| All Sectors .....  | 363,650   | 343,703              | 326,506              | 298,003              | 270,119              | 259,767              | 249,411              | 247,343              | 233,163              | 219,896              | 219,848              | 215,334              |
| <b>Average Retail Price (cents per kilowatthour)</b>         |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential .....  | 11.26     | 10.65                | 10.40                | 9.45                 | 8.95                 | 8.72                 | 8.44                 | 8.58                 | 8.24                 | 8.16                 | 8.26                 | 8.43                 |
| Commercial .....   | 10.36     | 9.65                 | 9.46                 | 8.67                 | 8.17                 | 8.03                 | 7.89                 | 7.92                 | 7.43                 | 7.26                 | 7.41                 | 7.59                 |
| Industrial .....   | 6.83      | 6.39                 | 6.16                 | 5.73                 | 5.25                 | 5.11                 | 4.88                 | 5.05                 | 4.64                 | 4.43                 | 4.48                 | 4.53                 |
| Transportation.....  | 10.74     | 9.70                 | 9.54                 | 8.57                 | 7.18                 | 7.54                 | NA                   | NA                   | NA                   | NA                   | NA                   | NA                   |
| Other .....  | NA        | NA                   | NA                   | NA                   | NA                   | NA                   | 6.75                 | 7.20                 | 6.56                 | 6.35                 | 6.63                 | 6.91                 |
| All Sectors .....  | 9.74      | 9.13                 | 8.90                 | 8.14                 | 7.61                 | 7.44                 | 7.20                 | 7.29                 | 6.81                 | 6.64                 | 6.74                 | 6.85                 |
| <b>Revenue and Expense Statistics (million dollars)</b>      |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| <b>Major Investor Owned</b>                                  |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Utility Operating Revenues.....                              | 298,962   | 278,499 <sup>R</sup> | 275,501 <sup>R</sup> | 265,652 <sup>R</sup> | 238,759 <sup>R</sup> | 230,151 <sup>R</sup> | 219,609 <sup>R</sup> | 267,276 <sup>R</sup> | 233,915 <sup>R</sup> | 213,090 <sup>R</sup> | 214,849 <sup>R</sup> | 209,022 <sup>R</sup> |
| Utility Operating Expenses .....                             | 267,263   | 248,039 <sup>R</sup> | 245,589 <sup>R</sup> | 236,786 <sup>R</sup> | 206,960 <sup>R</sup> | 201,057 <sup>R</sup> | 189,062 <sup>R</sup> | 234,910 <sup>R</sup> | 210,250 <sup>R</sup> | 180,467 <sup>R</sup> | 183,954 <sup>R</sup> | 177,798 <sup>R</sup> |
| Net Utility Operating Income.....                            | 31,699    | 30,460 <sup>R</sup>  | 29,912 <sup>R</sup>  | 28,866 <sup>R</sup>  | 31,799 <sup>R</sup>  | 29,094 <sup>R</sup>  | 30,548 <sup>R</sup>  | 32,366 <sup>R</sup>  | 23,665 <sup>R</sup>  | 32,623 <sup>R</sup>  | 30,896 <sup>R</sup>  | 31,225 <sup>R</sup>  |
| <b>Major Publicly Owned (with Generation Facilities)</b>     |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Operating Revenues .....                                     | NA        | NA                   | NA                   | NA                   | NA                   | 33,906               | 32,776               | 38,028               | 31,843               | 26,767               | 26,155               | 25,397               |
| Operating Expenses .....                                     | NA        | NA                   | NA                   | NA                   | NA                   | 29,637               | 28,638               | 32,789               | 26,244               | 21,274               | 20,880               | 20,425               |
| Net Electric Operating Income.....                           | NA        | NA                   | NA                   | NA                   | NA                   | 4,268                | 4,138                | 5,238                | 5,598                | 5,493                | 5,275                | 4,972                |
| <b>Major Publicly Owned (without Generation Facilities)</b>  |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Operating Revenues .....                                     | NA        | NA                   | NA                   | NA                   | NA                   | 12,454               | 11,546               | 10,417               | 9,904                | 9,354                | 8,790                | 8,586                |
| Operating Expenses .....                                     | NA        | NA                   | NA                   | NA                   | NA                   | 11,481               | 10,703               | 9,820                | 9,355                | 8,737                | 8,245                | 8,033                |
| Net Electric Operating Income.....                           | NA        | NA                   | NA                   | NA                   | NA                   | 974                  | 843                  | 597                  | 549                  | 617                  | 545                  | 552                  |
| <b>Major Federally Owned</b>                                 |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Operating Revenues .....                                     | NA        | NA                   | NA                   | NA                   | NA                   | 11,798               | 11,470               | 12,458               | 10,685               | 10,186               | 9,780                | 8,833                |
| Operating Expenses .....                                     | NA        | NA                   | NA                   | NA                   | NA                   | 8,763                | 8,665                | 10,013               | 8,139                | 7,775                | 7,099                | 5,999                |
| Net Electric Operating Income.....                           | NA        | NA                   | NA                   | NA                   | NA                   | 3,035                | 2,805                | 2,445                | 2,546                | 2,411                | 2,681                | 2,834                |
| <b>Major Cooperative Borrower Owned</b>                      |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Operating Revenues .....                                     | 42,076    | 38,208               | 36,723               | 34,088               | 30,650               | 29,228               | 27,458               | 26,458               | 25,629               | 23,824               | 23,988               | 23,321               |
| Operating Expenses .....                                     | 38,498    | 34,843               | 33,550               | 31,209               | 27,828               | 26,361               | 24,561               | 23,763               | 22,982               | 21,283               | 21,223               | 20,715               |
| Net Electric Operating Income.....                           | 3,578     | 3,365                | 3,173                | 2,879                | 2,822                | 2,867                | 2,897                | 2,696                | 2,647                | 2,541                | 2,764                | 2,606                |
| <b>Demand-Side Management (DSM) Data<sup>19</sup></b>        |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| <b>Actual Peak Load Reductions (megawatts)</b>               |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Total Actual Peak Load Reduction .....                       | 32,741    | 30,253 <sup>R</sup>  | 27,240               | 25,710               | 23,532               | 22,904               | 22,936               | 24,955               | 22,901               | 26,455               | 27,231               | 25,284               |
| <b>DSM Energy Savings (thousand megawatthours)</b>           |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Energy Efficiency.....                                       | 86,001    | 67,134               | 62,951               | 58,891               | 52,662               | 48,245               | 52,285               | 52,946               | 52,827               | 49,691               | 48,775               | 55,453               |
| Load Management.....   | 1,824     | 1,857 <sup>R</sup>   | 865                  | 1,006                | 2,047                | 2,020                | 1,790                | 990                  | 875                  | 872                  | 392                  | 953                  |
| <b>DSM Cost (million dollars)</b>                            |           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Total Cost.....  | 3,720     | 2,523 <sup>R</sup>   | 2,051                | 1,921                | 1,557                | 1,297                | 1,626                | 1,630                | 1,565                | 1,424                | 1,421                | 1,636                |

<sup>1</sup> Includes anthracite, bituminous, subbituminous and lignite coal. Waste and synthetic coal are included starting in 2002.

<sup>2</sup> Distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils), residual fuel oil (No. 5 and No. 6 fuel oils and bunker C fuel oil), jet fuel, kerosene, petroleum coke (converted to liquid petroleum, see Technical Notes for conversion methodology) and waste oil.

<sup>3</sup> Includes a small number of generators for which waste heat is the primary energy source.

<sup>4</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

<sup>5</sup> Conventional hydroelectric power excluding pumped storage facilities.

<sup>6</sup> Other renewables represents the summation of the sub-categories of Wind, Solar Thermal and Photovoltaic, Wood and Wood Derived Fuels, Geothermal, and Other Biomass.

<sup>7</sup> Wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids), wood waste liquids (red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids), and black liquor.

<sup>8</sup> Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).

<sup>9</sup> Pumped storage is the capacity to generate electricity from water previously pumped to an elevated reservoir and then released through a conduit to turbine generators located at a lower level. The generation from a hydroelectric pumped storage facility is the net value of production minus the energy used for pumping..

<sup>10</sup> Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

<sup>11</sup> Municipal solid waste, landfill gas, sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).

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<sup>12</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

<sup>13</sup> 2008 data updated June 2010.

<sup>14</sup> Anthracite, bituminous, subbituminous, lignite, and synthetic coal; excludes waste coal.

<sup>15</sup> Distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils), residual fuel oil (No. 5 and No. 6 fuel oils and bunker C fuel oil), jet fuel, kerosene, petroleum coke (converted to liquid petroleum, see Technical Notes for conversion methodology). Data prior to 2004 includes small quantities of waste oil.

<sup>16</sup> For 2002 through 2007, includes data from the Form EIA-423 for independent power producers, and commercial and industrial power-producing facilities. Beginning in 2008, data are collected on the Form EIA-923 for utilities, independent power producers, and commercial and industrial power-producing facilities. Receipts, cost, and quality data are collected from plants above a 50 MW threshold, and imputed for plants between 1 and 50 MW. Therefore, there may be a notable increase in fuel receipts beginning with 2008 data.

<sup>17</sup> Natural gas, including a small amount of supplemental gaseous fuels that cannot be identified separately.

<sup>18</sup> SO<sub>2</sub> and NO<sub>x</sub> 2008 values are preliminary.

<sup>19</sup> Data presented are reflective of large utilities.

NA = Not available.

R = Revised.

Note: See Glossary reference for definitions. See Technical Notes Table A5 for conversion to different units of measure. Capacity by energy source is based on the capacity associated with the energy source reported as the most predominant (primary) one, where more than one energy source is associated with a generator. Dual-fired capacity returned to respective fuel categories for current and all historical years. New fuel switchable capacity tables have replaced dual-fired breakouts. Totals may not equal sum of components because of indep

Sources: U.S. Energy Information Administration Form EIA-411, "Coordinated Bulk Power Supply Program Report;" Form EIA-412, "Annual Electric Industry Financial Report" The Form EIA-412 was terminated in 2003; Form EIA-767, "Steam-Electric Plant Operation and Design Report" was suspended; Form EIA-860, "Annual Electric Generator Report;" Form EIA-861, "Annual Electric Power Industry Report;" Form EIA-923, "Power Plant Operations Report" replaces several form(s) including: Form EIA-906, "Power Plant Report;" Form EIA-920 "Combined Heat and Power Plant Report;" Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report;" and FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and their predecessor forms. Federal Energy Regulatory Commission, FERC Form 1, "Annual Report of Major Utilities, Licensees and Others;" FERC Form 1-F, "Annual Report for Nonmajor Public Utilities and Licensees;" Rural Utilities Service (RUS) Form 7, "Operating Report;" RUS Form 12, "Operating Report;" Imports and Exports: DOE, Office of Electricity Delivery and Energy Reliability, Form OE-781R, "Annual Report of International Electric Export/Import Data," predecessor forms, and National Energy Board of Canada. For 2001 forward, data from the California Independent System Operator are used in combination with the Form OE-781R values to estimate electricity trade with Mexico.