# Department of Energy



# FY 2009 Congressional Budget Request

State Tables Preliminary

# Department of Energy



# FY 2009 Congressional Budget Request

# State Tables Preliminary

The numbers depicted in this document represent the <u>gross</u> level of DOE <u>budget authority</u> for the years displayed. The figures include both the discretionary and mandatory funding in the budget. They do not consider revenues/receipts, use of prior year balances, deferrals, rescissions, or other adjustments appropriated as offsets to the DOE appropriations by the Congress.

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# State Table (Dollars In Thousands)

| Page<br>Number | State Index          | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|----------------|----------------------|--------------------------|--------------------------|--------------------|
| 1              | Alabama              | \$34,381                 | \$31,155                 | \$27,588           |
| 3              | Alaska               | \$4,392                  | \$9,477                  | \$449              |
| 4              | All Other (Foreign)  | \$1,015                  | \$1,250                  | \$1,000            |
| 5              | American Samoa       | \$254                    | \$0                      | \$0                |
| 6              | Arizona              | \$112,772                | \$128,229                | \$110,548          |
| 8              | Arkansas             | \$7,957                  | \$10,347                 | \$9,724            |
| 10             | California           | \$2,411,588              | \$2,231,310              | \$2,201,153        |
| 16             | Colorado             | \$687,197                | \$652,165                | \$575,976          |
| 20             | Connecticut          | \$23,682                 | \$19,493                 | \$26,127           |
| 22             | Delaware             | \$5,404                  | \$5,206                  | \$3,647            |
| 23             | District Of Columbia | \$2,641,067              | \$3,475,178              | \$3,890,867        |
| 33             | Florida              | \$35,786                 | \$25,949                 | \$28,611           |
| 35             | Georgia              | \$54,664                 | \$71,694                 | \$75,827           |
| 37             | Guam                 | \$263                    | \$173                    | \$111              |
| 38             | Hawaii               | \$2,998                  | \$2,941                  | \$2,610            |
| 39             | Idaho                | \$1,107,135              | \$1,167,797              | \$1,202,194        |
| 44             | Illinois             | \$1,017,846              | \$888,824                | \$955,335          |
| 49             | Indiana              | \$22,993                 | \$24,508                 | \$17,047           |
| 51             | lowa                 | \$55,916                 | \$57,481                 | \$56,629           |
| 53             | Kansas               | \$7,971                  | \$7,926                  | \$5,259            |
| 54             | Kentucky             | \$177,684                | \$158,059                | \$157,946          |
| 56             | Louisiana            | \$120,241                | \$122,211                | \$198,613          |
| 58             | Maine                | \$3,654                  | \$4,168                  | \$997              |
| 59             | Maryland             | \$160,672                | \$89,762                 | \$95,708           |
| 61             | Massachusetts        | \$86,775                 | \$82,510                 | \$65,889           |
| 63             | Michigan             | \$38,516                 | \$45,500                 | \$16,995           |
| 64             | Minnesota            | \$34,199                 | \$27,759                 | \$47,552           |
| 66             | Mississippi          | \$3,647                  | \$28,849                 | \$32,808           |
| 68             | Missouri             | \$464,987                | \$473,793                | \$546,931          |
| 72             | Montana              | \$48,334                 | \$55,586                 | \$59,744           |
| 74             | Nebraska             | \$36,892                 | \$41,137                 | \$42,238           |
| 76             | Nevada               | \$722,905                | \$728,533                | \$755,880          |
| 80             | New Hampshire        | \$3,566                  | \$4,046                  | \$2,005            |
| 81             | New Jersey           | \$99,574                 | \$102,508                | \$97,655           |
| 83             | New Mexico           | \$4,375,097              | \$4,536,467              | \$4,227,103        |
| 00             |                      | 0050 440                 | <b>^</b>                 | <b>*</b>           |

90

New York

\$959,143

\$976,583

\$1,017,696

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#### State Table

(Dollars In Thousands)

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| Page<br>Number | State Index                | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|----------------|----------------------------|--------------------------|--------------------------|--------------------|
| 95             | North Carolina             | \$26,380                 | \$23,692                 | \$23,599           |
| 97             | North Dakota               | \$102,332                | \$117,790                | \$113,926          |
| 99             | Northern Mariana Isl       | \$253                    | \$166                    | \$105              |
| 100            | Ohio                       | \$678,771                | \$378,323                | \$376,840          |
| 103            | Oklahoma                   | \$29,111                 | \$30,957                 | \$29,598           |
| 105            | Oregon                     | \$23,627                 | \$11,802                 | \$9,532            |
| 107            | Pennsylvania               | \$476,053                | \$497,810                | \$519,619          |
| 110            | Puerto Rico                | \$777                    | \$604                    | \$484              |
| 111            | Rhode Island               | \$3,923                  | \$3,844                  | \$2,414            |
| 112            | South Carolina             | \$1,942,326              | \$1,931,111              | \$2,258,948        |
| 116            | South Dakota               | \$39,621                 | \$38,088                 | \$35,350           |
| 117            | Tennessee                  | \$2,471,258              | \$2,440,822              | \$2,517,332        |
| 124            | Texas                      | \$598,071                | \$617,034                | \$651,707          |
| 128            | Undesignated State         | \$358,444                | \$652,705                | \$629,486          |
| 130            | Utah                       | \$63,135                 | \$72,672                 | \$73,527           |
| 132            | Vermont                    | \$1,743                  | \$1,615                  | \$279              |
| 133            | Virgin Islands             | \$277                    | \$179                    | \$112              |
| 134            | Virginia                   | \$134,160                | \$120,783                | \$157,746          |
| 136            | Washington                 | \$2,374,926              | \$2,459,803              | \$2,419,217        |
| 141            | West Virginia              | \$190,962                | \$247,840                | \$201,942          |
| 144            | Wisconsin                  | \$44,854                 | \$58,070                 | \$48,556           |
| 145            | Wyoming                    | \$35,744                 | \$34,095                 | \$21,781           |
|                | Total Department of Energy | \$25,167,915             | \$26,028,379             | \$26,648,562       |

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#### State Table

| abama  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|--|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation               |                          |                          | <u> </u>          |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$2,154                  | \$0                      | \$                |
| State Energy Program Grants                  | \$787                    | \$0                      | \$                |
| International Renewable Energy Program       | \$2,590                  | \$0                      | \$                |
| Total Energy Efficiency and Renewable Energy | \$5,531                  | \$0                      | \$0               |
| Total Energy Supply and Conservation         | \$5,531                  | \$0                      | \$(               |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$0                      | \$2,396                  | \$                |
| State Energy Program Grants                  | \$0                      | \$531                    | \$354             |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$2,927                  | \$35              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$2,927                  | \$35              |
| Science                                      |                          |                          |                   |
| High Energy Physics                          |                          |                          |                   |
| High Energy Physics                          | \$399                    | \$180                    | \$36              |
| Total High Energy Physics                    | \$399                    | \$180                    | \$36              |
| Nuclear Physics                              |                          |                          |                   |
| Nuclear Physics                              | \$220                    | \$73                     | \$73              |
| Total Nuclear Physics                        | \$220                    | \$73                     | \$7:              |
| Biological and Environmental Research        |                          |                          |                   |
| Biological and Environmental Research        | \$411                    | \$338                    | \$1               |
| Total Biological and Environmental Research  | \$411                    | \$338                    | \$1               |
| Basic Energy Sciences                        |                          |                          |                   |
| Basic Energy Sciences                        | \$1,001                  | \$869                    | \$53              |
| Total Basic Energy Sciences                  | \$1,001                  | \$869                    | \$53              |
| Fusion Energy Sciences Program               |                          |                          |                   |
| Fusion Energy Sciences Program               | \$1,346                  | \$1,107                  | \$1,11            |
| Total Fusion Energy Sciences Program         | \$1,346                  | \$1,107                  | \$1,11            |
| Advanced Scientific Computing Research       |                          |                          |                   |
| Advanced Scientific Computing Research       | \$227                    | \$198                    | \$13              |
| Total Advanced Scientific Computing Research | \$227                    | \$198                    | \$130             |
| Total Science                                | \$3,604                  | \$2,765                  | \$2,23            |
| Departmental Administration                  |                          |                          |                   |
| Board of Contract Appeals                    |                          |                          |                   |
| Board of Contract Appeals                    | \$147                    | \$0                      | \$0               |
| Total Board of Contract Appeals              | \$147                    | \$0                      | \$0               |
|  |                          |                          |                   |

# State Table

(Dollars In Thousands)

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| Alabama   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Departmental Administration   | \$147                    | \$0                      | \$0                |
| Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration Advanced Integrated Gasification Combined Cycle | \$99<br>\$25,000         | \$463<br>\$25,000        | \$0<br>\$25,000    |
| Total Fuels and Other Power Systems   | \$25,099                 | \$25,463                 | \$25,000           |
| Total Fossil Energy Research and Development  | \$25,099                 | \$25,463                 | \$25,000           |
| Total Alabama   | \$34,381                 | \$31,155                 | \$27,588           |

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#### State Table

| laska   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation  |                          |                          |                    |
| Energy Efficiency and Renewable Energy Weatherization Assistance              | \$1,505                  | \$0                      | \$0                |
| State Energy Program Grants   | \$392                    | \$0<br>\$0               | \$0<br>\$0         |
| Total Energy Efficiency and Renewable Energy                                  | \$1,897                  | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$1,897                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy | <b>V</b> 1,000           | •                        | **                 |
| Weatherization Assistance   | \$0                      | \$1,673                  | \$0                |
| State Energy Program Grants   | \$0                      | \$258                    | \$288              |
| Total Energy Efficiency and Renewable Energy                                  | \$0                      | \$1,931                  | \$288              |
| Total Energy Efficiency and Renewable Energy                                  | \$0                      | \$1,931                  | \$288              |
| Science   |                          |                          |                    |
| Fusion Energy Sciences Program  |                          |                          |                    |
| Fusion Energy Sciences Program  | \$161                    | \$161                    | \$161              |
| Total Fusion Energy Sciences Program  | \$161                    | \$161                    | \$161              |
| Total Science   | \$161                    | \$161                    | \$161              |
| Fossil Energy Research and Development  |                          |                          |                    |
| Fuels and Other Power Systems Advanced Research                               | \$1,000                  | \$0                      | \$0                |
| Total Fuels and Other Power Systems   | \$1,000                  | \$0                      | \$0                |
| Natural Gas Technologies  |                          |                          |                    |
| Natural Gas Technologies  | \$1,334                  | \$688                    | \$0                |
| Total Natural Gas Technologies  | \$1,334                  | \$688                    | \$0                |
| Congressionally Directed Projects Congressionally Directed Projects           | \$0                      | \$6,697                  | \$0                |
| Total Congressionally Directed Projects                                       | \$0                      | \$6,697                  | \$0                |
| Total Fossil Energy Research and Development                                  | \$2,334                  | \$7,385                  | \$0                |
| otal Alaska   | \$4,392                  | \$9,477                  | \$449              |

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# State Table

| All Other (Foreign)   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration Advanced Research | \$165<br>\$850           | \$400<br>\$850           | \$350<br>\$650     |
| Total Fuels and Other Power Systems   | \$1,015                  | \$1,250                  | \$1,000            |
| Total Fossil Energy Research and Development  | \$1,015                  | \$1,250                  | \$1,000            |
| Total All Other (Foreign)   | \$1,015                  | \$1,250                  | \$1,000            |

State Table (Dollars In Thousands)

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| American Samoa  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation Energy Efficiency and Renewable Energy State Energy Program Grants | \$254                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy  | \$254                    | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$254                    | \$0                      | \$0                |
| Total American Samoa  | \$254                    | \$0                      | \$0                |

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#### State Table

| zona  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                      |                          |                          |                    |
| Energy Efficiency and Renewable Energy              |                          |                          |                    |
| Weatherization Assistance                           | \$1,218                  | \$0                      | \$0                |
| State Energy Program Grants                         | \$735                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy        | \$1,953                  | \$0                      | \$0                |
| Total Energy Supply and Conservation                | \$1,953                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy              |                          |                          |                    |
| Energy Efficiency and Renewable Energy              |                          |                          |                    |
| Weatherization Assistance                           | \$0                      | \$1,353                  | \$0                |
| State Energy Program Grants                         | \$0                      | \$489                    | \$319              |
| Total Energy Efficiency and Renewable Energy        | \$0                      | \$1,842                  | \$319              |
| Total Energy Efficiency and Renewable Energy        | \$0                      | \$1,842                  | \$319              |
| Science   |                          |                          |                    |
| High Energy Physics                                 |                          |                          |                    |
| High Energy Physics                                 | \$1,447                  | \$1,055                  | \$950              |
| Total High Energy Physics                           | \$1,447                  | \$1,055                  | \$950              |
| Nuclear Physics                                     |                          |                          |                    |
| Nuclear Physics                                     | \$443                    | \$260                    | \$260              |
| Total Nuclear Physics                               | \$443                    | \$260                    | \$260              |
| Biological and Environmental Research               |                          |                          |                    |
| Biological and Environmental Research               | \$2,026                  | \$1,856                  | \$326              |
| Total Biological and Environmental Research         | \$2,026                  | \$1,856                  | \$326              |
| Basic Energy Sciences                               |                          | •                        |                    |
| Basic Energy Sciences                               | \$2,821                  | \$2,055                  | \$2,153            |
| Total Basic Energy Sciences                         | \$2,821                  | \$2,055                  | \$2,153            |
| Total Science                                       | \$6,737                  | \$5,226                  | \$3,689            |
| Western Area Power Admin. Const., Rehab., O&M       |                          |                          |                    |
| Systems Operation and Maintenance                   |                          |                          |                    |
| Systems Operation and Maintenance                   | \$27,112                 | \$21,257                 | \$7,930            |
| Total Systems Operation and Maintenance             | \$27,112                 | \$21,257                 | \$7,930            |
| Program Direction Program Direction                 | \$26,661                 | \$27,298                 | \$28,170           |
| Total Program Direction                             | \$26,661                 | \$27,298                 | \$28,170           |
| Total Western Area Power Admin. Const., Rehab., O&M | \$53,773                 | \$48,555                 | \$36,100           |
| Colorado River Basins Power Marketing Fund          | ψου, 110                 | ψ 10,000                 | ψου, 100           |
| Equipment, Contracts and Other Related Expenses     |                          |                          |                    |
| Colorado River Storage Project                      | \$41,952                 | \$65,434                 | \$64,007           |
|   |                          |                          |                    |

# State Table

(Dollars In Thousands)

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| Arizona  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Equipment, Contracts and Other Related Expenses                      | \$41,952                 | \$65,434                 | \$64,007           |
| Program Direction Program Direction  | \$6,010                  | \$5,968                  | \$6,433            |
| Total Program Direction  | \$6,010                  | \$5,968                  | \$6,433            |
| Total Colorado River Basins Power Marketing Fund                           | \$47,962                 | \$71,402                 | \$70,440           |
| Fossil Energy Research and Development Fuels and Other Power Systems Fuels | \$1,814                  | \$1,204                  | \$0                |
| Advanced Integrated Gasification Combined Cycle                            | \$533                    | \$0                      | \$0                |
| Total Fuels and Other Power Systems  | \$2,347                  | \$1,204                  | \$0                |
| Total Fossil Energy Research and Development                               | \$2,347                  | \$1,204                  | \$0                |
| Total Arizona  | \$112,772                | \$128,229                | \$110,548          |

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#### State Table

| kansas  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                    |                          |                          |                    |
| Energy Efficiency and Renewable Energy            |                          |                          |                    |
| Weatherization Assistance                         | \$1,854                  | \$0                      | \$0                |
| State Energy Program Grants                       | \$602                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy      | \$2,456                  | \$0                      | \$0                |
| Total Energy Supply and Conservation              | \$2,456                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy            |                          |                          |                    |
| Energy Efficiency and Renewable Energy            |                          |                          |                    |
| Weatherization Assistance                         | \$0                      | \$2,061                  | \$0                |
| State Energy Program Grants                       | \$0                      | \$416                    | \$288              |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$2,477                  | \$288              |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$2,477                  | \$288              |
| Science   |                          |                          |                    |
| Nuclear Physics                                   |                          |                          |                    |
| Nuclear Physics                                   | \$30                     | \$0                      | \$0                |
| Total Nuclear Physics                             | \$30                     | \$0                      | \$0                |
| Biological and Environmental Research             |                          |                          |                    |
| Biological and Environmental Research             | \$461                    | \$414                    | \$461              |
| Total Biological and Environmental Research       | \$461                    | \$414                    | \$461              |
| Basic Energy Sciences                             |                          |                          |                    |
| Basic Energy Sciences                             | \$285                    | \$150                    | \$130              |
| Total Basic Energy Sciences                       | \$285                    | \$150                    | \$130              |
| Total Science                                     | \$776                    | \$564                    | \$591              |
| Southwestern Power Admin Operation & Maint.       |                          |                          |                    |
| Systems Operation and Maintenance                 |                          |                          |                    |
| Systems Operation and Maintenance                 | \$1,377                  | \$2,854                  | \$3,671            |
| Total Systems Operation and Maintenance           | \$1,377                  | \$2,854                  | \$3,671            |
| SWPA Construction                                 |                          |                          |                    |
| Construction                                      | \$1,204                  | \$2,283                  | \$3,000            |
| Total SWPA Construction                           | \$1,204                  | \$2,283                  | \$3,000            |
| Program Direction                                 |                          |                          |                    |
| Program Direction                                 | \$2,036                  | \$2,169                  | \$2,174            |
| Total Program Direction                           | \$2,036                  | \$2,169                  | \$2,174            |
| Total Southwestern Power Admin Operation & Maint. | \$4,617                  | \$7,306                  | \$8,845            |
| Fossil Energy Research and Development            |                          |                          |                    |
| Fuels and Other Power Systems                     |                          |                          |                    |
| Carbon Sequestration                              | \$108                    | \$0                      | \$0                |

State Table (Dollars In Thousands)

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| Arkansas                                     | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Fuels and Other Power Systems          | \$108                    | \$0                      | \$0                |
| Total Fossil Energy Research and Development | \$108                    | \$0                      | \$0                |
| Total Arkansas                               | \$7,957                  | \$10,347                 | \$9,724            |

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#### State Table

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| lifornia   | FY 2007            | FY 2008       | FY 2009    |
|--|--------------------|---------------|------------|
| mornia   | Appropriation      | Appropriation | Reques     |
| Energy Supply and Conservation                                 |                    |               |            |
| Electricity Delivery & Energy Reliability                      |                    |               |            |
| Research & Development   | \$8,906            | \$0           | \$         |
| Electricity Restructuring                                      | \$9,980            | \$0           | \$         |
| Energy Efficiency and Renewable Energy                         |                    |               | _          |
| Wind Energy  | \$475              | \$0           | \$(        |
| Geothermal Technology  | \$150              | \$0           | \$         |
| Hydrogen Technology  | \$2,322            | \$0           | \$         |
| Vehicle Technologies   | \$9,959            | \$0           | \$         |
| Building Technologies  | \$8,656            | \$0           | \$         |
| Industrial Technologies  | \$2,142            | \$0           | \$         |
| Federal Energy Management Program                              | \$2,276            | \$0           | \$(        |
| Program Support  | \$520              | \$0           | \$(        |
| Weatherization Assistance                                      | \$5,624            | \$0           | \$(        |
| State Energy Program Grants                                    | \$3,279            | \$0           | \$(        |
| State Energy Activities International Renewable Energy Program | \$1,375<br>\$2,675 | \$0<br>\$0    | \$(<br>\$( |
| -  | • •                | •             |            |
| Total Energy Efficiency and Renewable Energy                   | \$58,339           | \$0           | \$         |
| Research & Development   | <b>#0.00</b> F     | <b>C</b> O    | Φ          |
| Advanced Fuel Cycle Initiative                                 | \$2,295            | \$0<br>\$0    | \$         |
| Generation IV Nuclear Energy Systems Initiative                | \$180              | \$0           | \$0        |
| Total Research & Development                                   | \$2,475            | \$0           | \$0        |
| Environment, Safety and Health                                 |                    |               |            |
| Environment, Safety and Health                                 | \$40               | \$0           | \$(        |
| Total Environment, Safety and Health                           | \$40               | \$0           | \$0        |
| Total Energy Supply and Conservation                           | \$60,854           | \$0           | \$         |
| Non-Defense Environmental Cleanup                              |                    |               |            |
| Small Sites  |                    |               |            |
| Small Sites  | \$23,590           | \$18,886      | \$17,603   |
| Total Small Sites  | \$23,590           | \$18,886      | \$17,603   |
| Total Non-Defense Environmental Cleanup                        | \$23,590           | \$18,886      | \$17,60    |
| Electricity Delivery and Energy Reliability                    |                    |               |            |
| Electricity Delivery and Energy Reliability                    |                    |               |            |
| Research and Development                                       | \$0                | \$11,929      | \$18,32    |
| Operations and Analysis  | \$0                | \$2,200       | \$6,35     |
| Congressionally Directed Tech. Deployment                      | \$0                | \$1,475       | \$(        |
| Total Electricity Delivery and Energy Reliability              | \$0                | \$15,604      | \$24,672   |
| Total Electricity Delivery and Energy Reliability              | \$0                | \$15,604      | \$24,67    |
| Nuclear Energy   |                    |               |            |
| Research & Development   |                    |               |            |
| Generation IV Nuclear Energy System Initiative                 | \$0                | \$60          | \$         |

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FY 2009 Congressional Budget

#### State Table

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| llifornia  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request    |
|--|--------------------------|--------------------------|-----------------------|
| Advanced Fuel Cycle Initiative   | \$0                      | \$0                      | \$388                 |
| Total Research & Development   | \$0                      | \$60                     | \$388                 |
| Fuel Cycle Research and Facilities Advanced Fuel Cycle Initiative                            | \$0                      | \$3,265                  | \$0                   |
| Total Fuel Cycle Research and Facilities   | \$0                      | \$3,265                  | \$0                   |
| Total Nuclear Energy   | \$0                      | \$3,325                  | \$388                 |
| Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Wind Energy    | \$0                      | \$335                    | \$400                 |
| Geothermal Technology  | \$0                      | \$1,000                  | \$1,000               |
| Hydrogen Technology  | \$0                      | \$2,004                  | \$3,900               |
| Vehicle Technologies   | \$0                      | \$13,142                 | \$12,459              |
| Building Technologies  | \$0                      | \$9,162                  | \$10,403              |
| Industrial Technologies  | \$0<br>\$0               | \$1,250<br>\$2,200       | \$1,500<br>\$2,200    |
| Federal Energy Management Program Progam Support   | \$0<br>\$0               | \$2,200<br>\$90          | \$2,200<br>\$520      |
| Weatherization Assistance  | \$0<br>\$0               | \$6,266                  | \$0                   |
| State Energy Program Grants  | \$0                      | \$2,223                  | \$1,492               |
| Total Energy Efficiency and Renewable Energy   | \$0                      | \$37,672                 | \$33,874              |
| Total Energy Efficiency and Renewable Energy Science High Energy Physics High Energy Physics | \$0<br>\$227,055         | \$37,672<br>\$165,932    | \$33,874<br>\$172,373 |
| Total High Energy Physics  | \$227,055                | \$165,932                | \$172,373             |
| Nuclear Physics Nuclear Physics  | \$26,977                 | \$27,473                 | \$29,162              |
| Total Nuclear Physics  | \$26,977                 | \$27,473                 | \$29,162              |
| Biological and Environmental Research Biological and Environmental Research                  | \$148,354                | \$150,649                | \$138,620             |
| Total Biological and Environmental Research  | \$148,354                | \$150,649                | \$138,620             |
| Basic Energy Sciences Basic Energy Sciences  | \$359,432                | \$342,474                | \$383,457             |
| Total Basic Energy Sciences  | \$359,432                | \$342,474                | \$383,457             |
| Fusion Energy Sciences Program Fusion Energy Sciences Program                                | \$83,377                 | \$89,184                 | \$85,651              |
| Total Fusion Energy Sciences Program   | \$83,377                 | \$89,184                 | \$85,651              |
| Science Laboratories Infrastructure Science Laboratories Infrastructure                      | \$14,731                 | \$17,417                 | \$29,956              |
| Total Science Laboratories Infrastructure  | \$14,731                 | \$17,417                 | \$29,956              |
|  |                          |                          |                       |

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#### State Table

| ornia  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Advanced Scientific Computing Research Advanced Scientific Computing Research                              | \$90,423                 | \$101,796                | \$113,234          |
| Total Advanced Scientific Computing Research   | \$90,423                 | \$101,796                | \$113,234          |
| Program Direction Program Direction  | \$5,504                  | \$6,945                  | \$7,305            |
| Total Program Direction  | \$5,504                  | \$6,945                  | \$7,305            |
| Safeguards and Security Safeguards and Security  | \$7,460                  | \$7,551                  | \$7,592            |
| Total Safeguards and Security  | \$7,460                  | \$7,551                  | \$7,592            |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists        | \$974                    | \$609                    | \$2,093            |
| Total Workforce Development for Teachers and Scientists  | \$974                    | \$609                    | \$2,093            |
| otal Science   | \$964,287                | \$910,030                | \$969,443          |
| Veapons Activities Directed Stockpile Work Directed Stockpile Work   | \$128,695                | \$92,369                 | \$115,229          |
| Total Directed Stockpile Work  | \$128,695                | \$92,369                 | \$115,229          |
| Science Campaign Science Campaign  | \$90,770                 | \$80,666                 | \$90,508           |
| Total Science Campaign   | \$90,770                 | \$80,666                 | \$90,508           |
| Engineering Campaign Engineering Campaign  | \$25,335                 | \$25,477                 | \$20,687           |
| Total Engineering Campaign   | \$25,335                 | \$25,477                 | \$20,687           |
| Inertial Confinement Fusion and High Yield Campaign<br>Inertial Confinement Fusion and High Yield Campaign | \$380,698                | \$328,083                | \$302,736          |
| Total Inertial Confinement Fusion and High Yield Campaig   | \$380,698                | \$328,083                | \$302,736          |
| Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign                          | \$235,923                | \$209,987                | \$145,692          |
| Total Advanced Simulation & Computing Campaign   | \$235,923                | \$209,987                | \$145,692          |
| Transformation Disposition Transformation Disposition  | \$0                      | \$0                      | \$6,650            |
| Total Transformation Disposition   | \$0                      | \$0                      | \$6,650            |
| Defense Nuclear Security Defense Nuclear Security  | \$81,360                 | \$95,475                 | \$91,031           |
| Total Defense Nuclear Security   | \$81,360                 | \$95,475                 | \$91,031           |
| Cyber Security Cyber Security  | \$16,184                 | \$17,910                 | \$17,756           |
| Total Cyber Security   | \$16,184                 | \$17,910                 | \$17,756           |

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| alifornia   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign                     | \$21,642                 | \$18,981                 | \$0                |
| Total Pit Manufacturing and Certification Campaign  | \$21,642                 | \$18,981                 | \$0                |
| Readiness Campaign<br>Readiness Campaign  | \$12,822                 | \$2,991                  | \$8,248            |
| Total Readiness Campaign  | \$12,822                 | \$2,991                  | \$8,248            |
| Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities                         | \$96,072                 | \$93,487                 | \$85,862           |
| Total Readiness in Technical Base and Facilities  | \$96,072                 | \$93,487                 | \$85,862           |
| Nuclear Weapons Incident Response  Nuclear Weapons Incident Response  | \$22,008                 | \$23,275                 | \$41,939           |
| Total Nuclear Weapons Incident Response   | \$22,008                 | \$23,275                 | \$41,939           |
| Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program | \$19,911                 | \$18,828                 | \$19,851           |
| Total Facilities and Infrastructure Recapitalization Program  | \$19,911                 | \$18,828                 | \$19,851           |
| Environmental Projects and Operations Program Environmental Projects and Operations Program                   | \$0                      | \$6,092                  | \$22,274           |
| Total Environmental Projects and Operations Program   | \$0                      | \$6,092                  | \$22,274           |
| Total Weapons Activities  | \$1,131,420              | \$1,013,621              | \$968,463          |
| Other Defense Activities  |                          |                          |                    |
| Environment, Safety, and Health Environment, Safety, and Health   | \$3,385                  | \$0                      | \$0                |
| Total Environment, Safety, and Health   | \$3,385                  | \$0                      | \$0                |
| Security and Safety Performance Assurance Nuclear Safeguards and Security                                     | \$1,145                  | \$0                      | \$0                |
| Total Security and Safety Performance Assurance   | \$1,145                  | \$0                      | \$0                |
| Health Safety and Security  Health Safety and Security (All other)  | \$0                      | \$4,036                  | \$3,511            |
| Total Health Safety and Security  | \$0                      | \$4,036                  | \$3,511            |
| Total Other Defense Activities  | \$4,530                  | \$4,036                  | \$3,511            |
| Defense Nuclear Nonproliferation Nonproliferation and Verification R&D  | <b>#40.447</b>           | <b>#</b> 50.005          | <b>#20.640</b>     |
| Nonproliferation and Verification R&D   | \$42,117                 | \$53,065                 | \$38,648           |
| Total Nonproliferation and Verification R&D  Nonproliferation and International Security                      | \$42,117                 | \$53,065                 | \$38,648           |
| Nonproliferation and International Security   | \$20,921                 | \$24,342                 | \$22,796           |
| Total Nonproliferation and International Security   | \$20,921                 | \$24,342                 | \$22,796           |
| Non Proliferation Programs with Russia  |                          |                          |                    |

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| alifornia   | FY 2007<br>Appropriation           | FY 2008<br>Appropriation        | FY 2009<br>Request             |
|---|------------------------------------|---------------------------------|--------------------------------|
| International Nuclear Materials Protection & Cooperatio   | \$25,756                           | \$21,857                        | \$19,395                       |
| Total Non Proliferation Programs with Russia  | \$25,756                           | \$21,857                        | \$19,395                       |
| Global Threat Reduction Initiative Global Threat Reduction Initiative   | \$4,230                            | \$7,665                         | \$8,974                        |
| Total Global Threat Reduction Initiative  | \$4,230                            | \$7,665                         | \$8,974                        |
| Total Defense Nuclear Nonproliferation  | \$93,024                           | \$106,929                       | \$89,813                       |
| Office of the Administrator Office of the Administrator   | ¢47.000                            | <b>\$47.504</b>                 | ¢40.00F                        |
| Office of the Administrator   | \$17,666                           | \$17,591                        | \$19,605                       |
| Total Office of the Administrator   | \$17,666                           | \$17,591                        | \$19,605                       |
| Total Office of the Administrator   | \$17,666                           | \$17,591                        | \$19,605                       |
| Departmental Administration Chief Information Officer   | <b>***</b> 0.405                   | <b>\$7.000</b>                  | Ф7.000                         |
| Cyber Security and Secure Communications  | \$6,465                            | \$7,200                         | \$7,200                        |
| Total Chief Information Officer   | \$6,465                            | \$7,200                         | \$7,200                        |
| Total Departmental Administration   | \$6,465                            | \$7,200                         | \$7,200                        |
| Office of the Inspector General Office of the Inspector General Office of the Inspector General   | \$1,890                            | \$2,486                         | \$2,442                        |
| Total Office of the Inspector General   | \$1,890                            | \$2,486                         | \$2,442                        |
| Total Office of the Inspector General   | \$1,890                            | \$2,486                         | \$2,442                        |
| Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance                                   | \$29,429                           | \$24,543                        | \$14,774                       |
| Total Systems Operation and Maintenance   | \$29,429                           | \$24,543                        | \$14,774                       |
| Program Direction Program Direction   | \$26,023                           | \$26,543                        | \$28,018                       |
| Total Program Direction   | \$26,023                           | \$26,543                        | \$28,018                       |
| Total Western Area Power Admin. Const.,Rehab.,O&M   | \$55,452                           | \$51,086                        | \$42,792                       |
| Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration Fuels Advanced Research Innovations for Existing Plants | \$6,269<br>\$224<br>\$925<br>\$384 | \$11,560<br>\$0<br>\$580<br>\$0 | \$9,317<br>\$0<br>\$480<br>\$0 |
| Advanced Integrated Gasification Combined Cycle Advanced Turbines   | \$550<br>\$1,435                   | \$1,000<br>\$1,075              | \$1,000<br>\$600               |

State Table

(Dollars In Thousands)

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| alifornia  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Fuels and Other Power Systems  | \$9,787                  | \$14,215                 | \$11,397           |
| Natural Gas Technologies<br>Natural Gas Technologies                                     | \$5,827                  | \$6,810                  | \$0                |
| Total Natural Gas Technologies   | \$5,827                  | \$6,810                  | \$0                |
| Congressionally Directed Projects Congressionally Directed Projects                      | \$0                      | \$718                    | \$0                |
| Total Congressionally Directed Projects  | \$0                      | \$718                    | \$0                |
| Total Fossil Energy Research and Development   | \$15,614                 | \$21,743                 | \$11,397           |
| Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves            | <b>0.4.400</b>           | <b>#0.400</b>            | <b>#4</b> 000      |
| Productions Operations  Management   | \$4,438<br>\$1,802       | \$3,433<br>\$1,353       | \$1,000<br>\$2,500 |
| Total Naval Petroleum and Oil Shale Reserves   | \$6,240                  | \$4,786                  | \$3,500            |
| Total Naval Petroleum and Oil Shale Reserves   | \$6,240                  | \$4,786                  | \$3,500            |
| Nuclear Waste Fund Nuclear Waste Disposal Repository Program Prog. Mgmt. & Int (S & T)   | \$0<br>\$0               | \$0<br>\$2,497           | \$500<br>\$2,610   |
| Total Nuclear Waste Disposal   | \$0                      | \$2,497                  | \$3,110            |
| Total Nuclear Waste Fund  Defense Nuclear Waste Disposal  Defense Nuclear Waste Disposal | \$0                      | \$2,497                  | \$3,110            |
| Defense Nuclear Waste Disposal Prog. mgmt & Int (Non S & T)                              | \$4,388<br>\$1,662       | \$4,850<br>\$0           | \$3,340<br>\$0     |
| Total Defense Nuclear Waste Disposal   | \$6,050                  | \$4,850                  | \$3,340            |
| Total Defense Nuclear Waste Disposal   | \$6,050                  | \$4,850                  | \$3,340            |
| Defense Environmental Cleanup  NNSA Sites  NNSA Sites                                    | \$24,506                 | \$8,968                  | \$0                |
| Total NNSA Sites   | \$24,506                 | \$8,968                  | \$0                |
| Total Defense Environmental Cleanup  | \$24,506                 | \$8,968                  | \$0                |
| tal California   | \$2,411,588              | \$2,231,310              | \$2,201,153        |

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|  | EV 0007                               | E)/ 0000                   | EV 0000           |
|--|---------------------------------------|----------------------------|-------------------|
| olorado  | FY 2007<br>Appropriation              | FY 2008<br>Appropriation   | FY 2009<br>Reques |
| Energy Supply and Conservation   |                                       |                            | ·                 |
| Electricity Delivery & Energy Reliability  |                                       |                            |                   |
| Research & Development   | \$13,100                              | \$0                        | \$(               |
| Electricity Restructuring  | \$25                                  | \$0                        | \$(               |
| Program Direction  | \$5                                   | \$0                        | \$(               |
| Energy Efficiency and Renewable Energy   | *-                                    | •                          | ·                 |
| Biomass and Biorefinery Systems R&D  | \$44,905                              | \$0                        | \$0               |
| Wind Energy  | \$37,139                              | \$0                        | \$(               |
| Facilities and Infrastructure  | \$107,035                             | \$0                        | \$(               |
| Program Direction  | \$23,483                              | \$0                        | \$(               |
| Geothermal Technology  | \$551                                 | \$0                        | \$(               |
| Hydrogen Technology  | \$14,275                              | \$0                        | \$(               |
| Water Power  | \$0                                   | \$0                        | \$0               |
| Solar Energy   | \$77,348                              | \$0                        | \$(               |
| Vehicle Technologies   | \$12,609                              | \$0                        | \$(               |
| Building Technologies  | \$7,868                               | \$0                        | \$(               |
| Industrial Technologies  | \$2,160                               | \$0                        | \$(               |
| Federal Energy Management Program  | \$3,500                               | \$0                        | \$(               |
| Program Support  | \$2,010                               | \$0                        | \$                |
| Weatherization Assistance  | \$4,897                               | \$0                        | \$                |
| State Energy Program Grants  | \$754                                 | \$0                        | \$                |
| State Energy Activities  | \$1,435                               | \$0                        | \$(               |
| International Renewable Energy Program   | \$50                                  | \$0                        | \$(               |
| Tribal Energy Activities   | \$3,607                               | \$0                        | \$(               |
| Total Energy Efficiency and Renewable Energy   | \$356,756                             | \$0                        | \$(               |
| Research & Development   | . ,                                   | ·                          | ·                 |
| Nuclear Hydrogen Initiative  | \$550                                 | \$0                        | \$0               |
| Total Research & Development   | \$550                                 | \$0                        | \$0               |
| Office of Legacy Management  |                                       |                            |                   |
| Office of Legacy Management  | \$16,869                              | \$0                        | \$0               |
| Total Office of Legacy Management  | \$16,869                              | \$0                        | \$(               |
| Total Energy Supply and Conservation   | \$374,175                             | \$0                        | \$(               |
| Electricity Delivery and Energy Reliability  | . ,                                   | ·                          | ·                 |
| Electricity Delivery and Energy Reliability  Electricity Delivery and Energy Reliability |                                       |                            |                   |
| Research and Development   | \$0                                   | \$5,415                    | \$6,70            |
| Operations and Analysis  | \$0<br>\$0                            | ψ3, <del>4</del> 19<br>\$0 | \$2               |
| Total Electricity Delivery and Energy Reliability  | \$0                                   | φο<br>\$5,415              | \$6,72            |
|  | · · · · · · · · · · · · · · · · · · · |                            |                   |
| Total Electricity Delivery and Energy Reliability  | \$0                                   | \$5,415                    | \$6,72            |
| Nuclear Energy   |                                       |                            |                   |
| Research & Development   | Φ0                                    | <b>\$</b> 004              | <b>#</b> 00       |
| Nuclear Hydrogen Initiative  | \$0                                   | \$221                      | \$30              |

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#### FY 2009 Congressional Budget

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| colorado  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request   |
|---|--------------------------|--------------------------|----------------------|
| Total Research & Development  | \$0                      | \$221                    | \$300                |
| Total Nuclear Energy  | \$0                      | \$221                    | \$300                |
| Legacy Management   |                          |                          |                      |
| Legacy Management   |                          |                          |                      |
| Legacy Management   | \$0                      | \$18,874                 | \$0                  |
| Total Legacy Management   | \$0                      | \$18,874                 | \$0                  |
| Total Legacy Management   | \$0                      | \$18,874                 | \$0                  |
| Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy |                          |                          |                      |
| Biomass and Biorefinery Systems R&D   | \$0                      | \$32,330                 | \$35,000             |
| Wind Energy   | \$0                      | \$33,917                 | \$36,250             |
| Facilities and Infrastructure   | \$0                      | \$76,176                 | \$13,982             |
| Program Direction   | \$0                      | \$24,308                 | \$26,544             |
| Geothermal Technology   | \$0                      | \$5,000                  | \$10,000             |
| Hydrogen Technology   | \$0                      | \$19,578                 | \$5,800              |
| Water Power   | \$0<br>\$0               | \$3,359                  | \$2,100              |
| Solar Energy<br>Vehicle Technologies  | \$0<br>\$0               | \$69,417<br>\$17,634     | \$68,914<br>\$17,634 |
| Building Technologies   | \$0<br>\$0               | \$8,328                  | \$9,456              |
| Industrial Technologies   | \$0<br>\$0               | \$1,295                  | \$795                |
| Federal Energy Management Program   | \$0                      | \$3,762                  | \$3,300              |
| Progam Support  | \$0                      | \$7,013                  | \$6,822              |
| Weatherization Assistance   | \$0                      | \$5,454                  | \$0                  |
| State Energy Program Grants   | \$0                      | \$530                    | \$376                |
| Tribal Energy Activities  | \$0                      | \$4,895                  | \$500                |
| Total Energy Efficiency and Renewable Energy                                  | \$0                      | \$312,996                | \$237,473            |
| Total Energy Efficiency and Renewable Energy                                  | \$0                      | \$312,996                | \$237,473            |
| Science   |                          |                          |                      |
| High Energy Physics   |                          |                          |                      |
| High Energy Physics   | \$3,153                  | \$3,029                  | \$2,729              |
| Total High Energy Physics   | \$3,153                  | \$3,029                  | \$2,729              |
| Nuclear Physics   |                          |                          |                      |
| Nuclear Physics   | \$950                    | \$825                    | \$860                |
| Total Nuclear Physics   | \$950                    | \$825                    | \$860                |
| Biological and Environmental Research Biological and Environmental Research   | \$7,536                  | \$9,192                  | \$9,154              |
| Total Biological and Environmental Research                                   | \$7,536                  | \$9,192                  | \$9,154              |
| Basic Energy Sciences Basic Energy Sciences                                   | \$12,089                 | \$9,889                  | \$10,618             |

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| olorado   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Basic Energy Sciences   | \$12,089                 | \$9,889                  | \$10,618           |
| Fusion Energy Sciences Program Fusion Energy Sciences Program                                       | \$1,998                  | \$2,045                  | \$2,208            |
| Total Fusion Energy Sciences Program  | \$1,998                  | \$2,045                  | \$2,208            |
| Advanced Scientific Computing Research Advanced Scientific Computing Research                       | \$2,031                  | \$2,630                  | \$2,283            |
| Total Advanced Scientific Computing Research  | \$2,031                  | \$2,630                  | \$2,283            |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists | \$804                    | \$250                    | \$869              |
| Total Workforce Development for Teachers and Scientists   | \$804                    | \$250                    | \$869              |
| Total Science   | \$28,561                 | \$27,860                 | \$28,721           |
| Other Defense Activities Office of Legacy Management  |                          |                          |                    |
| Office of Legacy Management   | \$583                    | \$106,165                | \$123,679          |
| Total Office of Legacy Management   | \$583                    | \$106,165                | \$123,679          |
| Health Safety and Security  Health Safety and Security (All other)                                  | \$0                      | \$50                     | \$0                |
| Total Health Safety and Security  | \$0                      | \$50                     | \$0                |
| Total Other Defense Activities  | \$583                    | \$106,215                | \$123,679          |
| Defense Nuclear Nonproliferation  |                          |                          |                    |
| Nonproliferation and International Security   | <b>\$70</b> E            | 0000                     | <b>\$760</b>       |
| Nonproliferation and International Security  Total Nonproliferation and International Security      | \$705                    | \$820                    | \$768              |
| Total Nonpromeration and international Security   | \$705                    | \$820                    | \$768              |
| Total Defense Nuclear Nonproliferation  | \$705                    | \$820                    | \$768              |
| Departmental Administration   |                          |                          |                    |
| Cost of Work for Others Cost of Work for Others   | \$0                      | \$0                      | \$200              |
| Total Cost of Work for Others   | \$0                      | \$0                      | \$200              |
| Total Departmental Administration   | \$0                      | \$0                      | \$200              |
| Office of the Inspector General   |                          |                          |                    |
| Office of the Inspector General   | •                        | •                        |                    |
| Office of the Inspector General   | \$1,112                  | \$994                    | \$1,065            |
| Total Office of the Inspector General   | \$1,112                  | \$994                    | \$1,065            |
| Total Office of the Inspector General   | \$1,112                  | \$994                    | \$1,065            |
| Western Area Power Admin. Const., Rehab., O&M   |                          |                          |                    |
| Systems Operation and Maintenance Systems Operation and Maintenance                                 | \$58,920                 | \$53,422                 | \$46,153           |

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| Colorado   | FY 2007<br>Appropriation             | FY 2008<br>Appropriation         | FY 2009<br>Request               |
|--|--------------------------------------|----------------------------------|----------------------------------|
| Total Systems Operation and Maintenance  | \$58,920                             | \$53,422                         | \$46,153                         |
| Program Direction Program Direction  | \$48,287                             | \$49,445                         | \$51,004                         |
| Total Program Direction  | \$48,287                             | \$49,445                         | \$51,004                         |
| Total Western Area Power Admin. Const.,Rehab.,O&M  | \$107,207                            | \$102,867                        | \$97,157                         |
| Colorado River Basins Power Marketing Fund<br>Equipment, Contracts and Other Related Expenses<br>Colorado River Storage Project  | \$30,516                             | \$44,204                         | \$43,953                         |
| Total Equipment, Contracts and Other Related Expenses  | \$30,516                             | \$44,204                         | \$43,953                         |
| Program Direction Program Direction  | \$21,608                             | \$21,389                         | \$23,149                         |
| Total Program Direction  | \$21,608                             | \$21,389                         | \$23,149                         |
| Total Colorado River Basins Power Marketing Fund   | \$52,124                             | \$65,593                         | \$67,102                         |
| Fossil Energy Research and Development Fuels and Other Power Systems Fuels Advanced Research Innovations for Existing Plants Advanced Integrated Gasification Combined Cycle | \$100<br>\$402<br>\$2,825<br>\$1,025 | \$2,100<br>\$509<br>\$0<br>\$400 | \$2,400<br>\$684<br>\$0<br>\$400 |
| Total Fuels and Other Power Systems  | \$4,352                              | \$3,009                          | \$3,484                          |
| Natural Gas Technologies  Natural Gas Technologies   | \$50                                 | \$250                            | \$0                              |
| Total Natural Gas Technologies   | \$50                                 | \$250                            | \$0                              |
| Congressionally Directed Projects  Congressionally Directed Projects   | \$0                                  | \$957                            | \$0                              |
| Total Congressionally Directed Projects  | \$0                                  | \$957                            | \$0                              |
| Total Fossil Energy Research and Development  Defense Environmental Cleanup  | \$4,402                              | \$4,216                          | \$3,484                          |
| Closure Sites Rocky Flats  | \$118,328                            | \$6,094                          | \$9,302                          |
| Total Closure Sites  | \$118,328                            | \$6,094                          | \$9,302                          |
| Total Defense Environmental Cleanup  | \$118,328                            | \$6,094                          | \$9,302                          |
| otal Colorado  | \$687,197                            | \$652,165                        | \$575,976                        |

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| nnecticut                                       | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                  |                          |                          |                    |
| Energy Efficiency and Renewable Energy          |                          |                          |                    |
| Weatherization Assistance                       | \$2,243                  | \$0                      | \$0                |
| State Energy Program Grants                     | \$691                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy    | \$2,934                  | \$0                      | \$0                |
| Total Energy Supply and Conservation            | \$2,934                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy          |                          |                          |                    |
| Energy Efficiency and Renewable Energy          |                          |                          |                    |
| Weatherization Assistance                       | \$0                      | \$2,495                  | \$0                |
| State Energy Program Grants                     | \$0                      | \$506                    | \$378              |
| Total Energy Efficiency and Renewable Energy    | \$0                      | \$3,001                  | \$378              |
| Total Energy Efficiency and Renewable Energy    | \$0                      | \$3,001                  | \$378              |
| Science   |                          |                          |                    |
| High Energy Physics                             |                          |                          | _                  |
| High Energy Physics                             | \$3,175                  | \$2,878                  | \$3,143            |
| Total High Energy Physics                       | \$3,175                  | \$2,878                  | \$3,143            |
| Nuclear Physics                                 |                          |                          |                    |
| Nuclear Physics                                 | \$4,917                  | \$4,539                  | \$4,180            |
| Total Nuclear Physics                           | \$4,917                  | \$4,539                  | \$4,180            |
| Biological and Environmental Research           | <b>*</b>                 | •                        | •                  |
| Biological and Environmental Research           | \$91                     | \$0                      | \$0                |
| Total Biological and Environmental Research     | \$91                     | \$0                      | \$0                |
| Basic Energy Sciences                           |                          |                          |                    |
| Basic Energy Sciences                           | \$3,491                  | \$3,004                  | \$2,915            |
| Total Basic Energy Sciences                     | \$3,491                  | \$3,004                  | \$2,915            |
| Total Science                                   | \$11,674                 | \$10,421                 | \$10,238           |
| Fossil Energy Research and Development          |                          |                          |                    |
| Fuels and Other Power Systems                   |                          |                          |                    |
| Fuel Cells                                      | \$0                      | \$0                      | \$10,500           |
| Fuels   | \$402                    | \$533                    | \$163              |
| Advanced Research                               | \$545                    | \$500                    | \$152              |
| Innovations for Existing Plants                 | \$1,300                  | \$0                      | \$0                |
| Advanced Integrated Gasification Combined Cycle | \$1,000                  | \$0                      | \$0                |
| Advanced Turbines                               | \$876                    | \$471                    | \$0                |
| Total Fuels and Other Power Systems             | \$4,123                  | \$1,504                  | \$10,815           |
| Total Fossil Energy Research and Development    | \$4,123                  | \$1,504                  | \$10,815           |
| Northeast Home Heating Oil Reserve Account      |                          |                          |                    |
| Northeast Home Heating Oil Reserve              | <b>Ф4.0</b> Е4           | <b>Ф4 ГО</b> 7           | <b>#4.000</b>      |
| Northeast Home Heating Oil Reserve              | \$4,951                  | \$4,567                  | \$4,696            |

State Table (Dollars In Thousands)

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| Connecticut                                      | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Northeast Home Heating Oil Reserve         | \$4,951                  | \$4,567                  | \$4,696            |
| Total Northeast Home Heating Oil Reserve Account | \$4,951                  | \$4,567                  | \$4,696            |
| Total Connecticut                                | \$23,682                 | \$19,493                 | \$26,127           |

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#### State Table

| elaware   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation  |                          |                          |                    |
| Energy Efficiency and Renewable Energy  | _                        |                          |                    |
| Weatherization Assistance   | \$519                    | \$0                      | \$0                |
| State Energy Program Grants   | \$345                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy  | \$864                    | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$864                    | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance | \$0                      | \$572                    | \$0                |
| State Energy Program Grants   | \$0<br>\$0               | \$231                    | \$152              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$803                    | \$152              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$803                    | \$152              |
| Science   | ΨΟ                       | φοσσ                     | Ψ102               |
| High Energy Physics   |                          |                          |                    |
| High Energy Physics   | \$607                    | \$752                    | \$400              |
| Total High Energy Physics   | \$607                    | \$752                    | \$400              |
| Biological and Environmental Research Biological and Environmental Research                             | \$293                    | \$200                    | \$200              |
| Total Biological and Environmental Research   | \$293                    | \$200                    | \$200              |
| Basic Energy Sciences   | ·                        | ·                        | ·                  |
| Basic Energy Sciences   | \$3,107                  | \$3,398                  | \$2,895            |
| Total Basic Energy Sciences   | \$3,107                  | \$3,398                  | \$2,895            |
| Fusion Energy Sciences Program Fusion Energy Sciences Program   | \$51                     | \$53                     | \$0                |
| Total Fusion Energy Sciences Program  | <br>\$51                 | \$53                     | \$C                |
| Advanced Scientific Computing Research  | ΨΟΙ                      | φυσ                      | Ψ                  |
| Advanced Scientific Computing Research  | \$333                    | \$0                      | \$0                |
| Total Advanced Scientific Computing Research  | \$333                    | \$0                      | \$0                |
| Total Science   | \$4,391                  | \$4,403                  | \$3,495            |
| Fossil Energy Research and Development  | + ,                      | <b>,</b> ,               | ¥ - /              |
| Fuels and Other Power Systems   |                          |                          |                    |
| Carbon Sequestration  | \$149                    | \$0                      | \$0                |
| Total Fuels and Other Power Systems   | \$149                    | \$0                      | \$0                |
| Total Fossil Energy Research and Development  | \$149                    | \$0                      | \$0                |
| otal Delaware   | \$5,404                  | \$5,206                  | \$3,647            |
|   | 7-11-1                   | +-,                      | + - /              |

# Department Of Energy

#### FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| rict Of Columbia  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                                |                          |                          | •                  |
| Electricity Delivery & Energy Reliability                     |                          |                          |                    |
| Research & Development  | \$2,318                  | \$0                      | \$0                |
| Electricity Restructuring                                     | \$408                    | \$0                      | \$C                |
| Program Direction   | \$12,702                 | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy                        |                          |                          |                    |
| Biomass and Biorefinery Systems R&D                           | \$133,127                | \$0                      | \$0                |
| Wind Energy   | \$3,732                  | \$0                      | \$0                |
| Program Direction   | \$63,571                 | \$0                      | \$0                |
| Geothermal Technology   | \$295                    | \$0                      | \$0                |
| Hydrogen Technology   | \$132,458                | \$0                      | \$0                |
| Solar Energy  | \$60,770                 | \$0                      | \$0                |
| Vehicle Technologies  | \$80,143                 | \$0                      | \$0                |
| Building Technologies   | \$67,007                 | \$0                      | \$0                |
| Industrial Technologies                                       | \$33,844                 | \$0                      | \$0                |
| Federal Energy Management Program                             | \$5,872                  | \$0                      | \$0                |
| Program Support   | \$3,485                  | \$0                      | \$0                |
| Weatherization Assistance                                     | \$5,139                  | \$0                      | \$0                |
| State Energy Program Grants                                   | \$1,322                  | \$0                      | \$0                |
| State Energy Activities                                       | \$295                    | \$0                      | \$0                |
| International Renewable Energy Program                        | \$1,226                  | \$0                      | \$0                |
| Tribal Energy Activities                                      | \$100                    | \$0                      | \$0                |
| Renewable Energy Production Incentive                         | \$4,946                  | \$0                      | \$0                |
| Asia Pacific  | \$0                      | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy                  | \$612,760                | \$0                      | \$0                |
| Research & Development  |                          |                          |                    |
| Nuclear Power 2010  | \$286                    | \$0                      | \$0                |
| Nuclear Hydrogen Initiative                                   | \$1,324                  | \$0                      | \$0                |
| Advanced Fuel Cycle Initiative                                | \$22,534                 | \$0                      | \$0                |
| Generation IV Nuclear Energy Systems Initiative               | \$1,852                  | \$0                      | \$0                |
| Total Research & Development                                  | \$25,996                 | \$0                      | \$0                |
| Environment, Safety and Health                                |                          |                          |                    |
| Environment, Safety and Health                                | \$6,281                  | \$0                      | \$0                |
| Program Direction   | \$19,993                 | \$0                      | \$0                |
| Total Environment, Safety and Health                          | \$26,274                 | \$0                      | \$0                |
| University Reactor Infrastructure and Education Assistance    | 0.44                     | Φ0                       | •                  |
| University Reactor Infrastructure and Education Assistar      |                          | \$0                      | \$0                |
| Total University Reactor Infrastructure and Education Assis   | \$41                     | \$0                      | \$0                |
| Transfer from State Department Transfer from State Department | \$12,500                 | \$0                      | \$0                |
| Total Transfer from State Department                          | \$12,500                 | \$0                      | \$0                |
| Program Direction - NE  | ÷ .—,5 5 0               | <b>4-</b>                | Ψ                  |
| Program Direction - NE  | \$29,776                 | \$0                      | \$0                |

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#### State Table

| strict Of Columbia                                | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Program Direction - NE                      | \$29,776                 | \$0                      | \$0                |
| Infrastructure Radiological Facilities Management | \$550                    | \$0                      | \$0                |
| Total Infrastructure                              | \$550                    | \$0                      | \$0                |
| Total Energy Supply and Conservation              | \$707,897                | \$0                      | \$0                |
| Innovative Tech Loan Guarantee Prog               |                          |                          |                    |
| Administrative Operations                         | Φ.                       | <b>A- 1-</b> 0           | <b>#</b> 10.00     |
| Administrative Operations                         | \$0                      | \$5,459                  | \$19,880           |
| Total Administrative Operations                   | \$0                      | \$5,459                  | \$19,880           |
| Total Innovative Tech Loan Guarantee Prog         | \$0                      | \$5,459                  | \$19,880           |
| Electricity Delivery and Energy Reliability       |                          |                          |                    |
| Electricity Delivery and Energy Reliability       |                          |                          |                    |
| Research and Development                          | \$0                      | \$0                      | \$4,000            |
| Operations and Analysis                           | \$0                      | \$0                      | \$756              |
| Program Direction                                 | \$0                      | \$12,458                 | \$16,376           |
| Total Electricity Delivery and Energy Reliability | \$0                      | \$12,458                 | \$21,132           |
| Total Electricity Delivery and Energy Reliability | \$0                      | \$12,458                 | \$21,132           |
| Nuclear Energy                                    |                          |                          |                    |
| Research & Development                            |                          |                          |                    |
| Nuclear Power 2010                                | \$0                      | \$933                    | \$500              |
| Nuclear Hydrogen Initiative                       | \$0                      | \$286                    | \$490              |
| Generation IV Nuclear Energy System Initiative    | \$0                      | \$28,583                 | \$3,600            |
| Advanced Fuel Cycle Initiative                    | \$0                      | \$0                      | \$72,759           |
| Total Research & Development                      | \$0                      | \$29,802                 | \$77,349           |
| Fuel Cycle Research and Facilities                | _                        |                          |                    |
| Advanced Fuel Cycle Initiative                    | \$0                      | \$45,400                 | \$0                |
| Total Fuel Cycle Research and Facilities          | \$0                      | \$45,400                 | \$0                |
| Program Direction-NE Program Direction-NE         | \$0                      | \$43,233                 | \$43,679           |
|   |                          |                          |                    |
| Total Program Direction-NE                        | \$0                      | \$43,233                 | \$43,679           |
| Infrastructure Radiological Facilities Management | \$0                      | \$550                    | \$0                |
| Total Infrastructure                              | \$0                      | \$550                    | \$0                |
| Total Nuclear Energy                              | \$0                      | \$118,985                | \$121,028          |
| Legacy Management                                 | ΨΟ                       | ψσ,σσσ                   | ψ.21,020           |
| Legacy Management  Legacy Management              |                          |                          |                    |
| Legacy Management                                 | \$0                      | \$1,385                  | \$0                |
| 3   | Ψ0                       | ψ.,ccc                   | ΨΟ                 |

# Department Of Energy

FY 2009 Congressional Budget

State Table

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| Total Legacy Management  | strict Of Columbia                            | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|---|--------------------------|--------------------------|--------------------|
| Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Biomass and Biorefinery Systems R&D  Wind Energy Program Direction Geothermal Technology Solar Energy Solences Solar Energy Solences Solar Energy So | Total Legacy Management                       | \$0                      | \$1,385                  | \$0                |
| Energy Efficiency and Renewable Energy   Sio \$147,600 \$170,500   | Total Legacy Management                       | \$0                      | \$1,385                  | \$0                |
| Energy Efficiency and Renewable Energy   Sio \$147,600 \$170,500   | Energy Efficiency and Renewable Energy        |                          |                          |                    |
| Biomass and Biorefinery Systems R&D  |   |                          |                          |                    |
| Program Direction         \$0         \$66,816         \$81,071           Geothermal Technology         \$0         \$1,818         \$2,000           Hydrogen Technologies         \$0         \$148,610         \$29,965           Solar Energy         \$0         \$78,482         \$71,575           Building Technologies         \$0         \$49,597         \$47,335           Industrial Technologies         \$0         \$49,597         \$47,335           Federal Energy Management Program         \$0         \$6,335         \$7,700           Progam Support         \$0         \$2,161         \$7,744           Weatherization Assistance         \$0         \$5,155         \$0           State Energy Program Grants         \$0         \$10,480         \$26,131           Tribal Energy Production Incentive         \$0         \$650         \$200           Renewable Energy Production Incentive         \$0         \$4,955         \$0           Congressionally Directed Projects         \$0         \$186,664         \$0           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment D&D Fund         \$19  |   | \$0                      | \$147,600                | \$170,500          |
| Program Direction  | • •   | \$0                      |                          | \$7,600            |
| Geothermal Technology  |   | \$0                      | \$66,816                 | \$81,071           |
| Hydrogen Technology  |   | \$0                      | \$1,818                  | \$2,000            |
| Solar Energy   | ••  | \$0                      | \$148,610                | \$92,963           |
| Building Technologies  |   |                          |                          |                    |
| Industrial Technologies  |   | \$0                      |                          |                    |
| Federal Energy Management Program  |   |                          |                          |                    |
| Progam Support         \$0         \$2,161         \$7,743           Weatherization Assistance         \$0         \$5,155         \$           State Energy Program Grants         \$0         \$10,480         \$26,131           Tribal Energy Activities         \$0         \$650         \$200           Renewable Energy Production Incentive         \$0         \$4,955         \$0           Congressionally Directed Projects         \$0         \$186,664         \$0           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,637         \$66,834         \$124,217  | <del>-</del>                                  |                          |                          |                    |
| Weatherization Assistance         \$0         \$5,155         \$0           State Energy Program Grants         \$0         \$10,480         \$26,131           Tribal Energy Production Incentive         \$0         \$4,955         \$0           Renewable Energy Production Incentive         \$0         \$4,955         \$0           Congressionally Directed Projects         \$0         \$186,664         \$0           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,637         \$66,834         \$124,217           Total Biological and Environmental Research         \$1,63   |   |                          | . ,                      |                    |
| State Energy Program Grants         \$0         \$10,480         \$26,131           Tribal Energy Activities         \$0         \$650         \$200           Renewable Energy Production Incentive         \$0         \$4,955         \$0           Congressionally Directed Projects         \$0         \$186,664         \$0           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Uranium Enrichment Decon. & Decom. Fund         \$595,352         \$595,352           Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,637         \$66,834         \$124,217           Biological and Environmental Research         \$1,637         \$66,834<   |   |                          |                          |                    |
| Tribal Energy Activities         \$0         \$650         \$200           Renewable Energy Production Incentive         \$0         \$4,955         \$0           Congressionally Directed Projects         \$0         \$186,664         \$0           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,586           Total Nuclear Physics         \$1,705         \$16,754         \$46,586           Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Total Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Basic Energy Sciences   |   |                          |                          | •                  |
| Renewable Energy Production Incentive<br>Congressionally Directed Projects         \$0         \$4,955<br>\$186,664         \$0           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Uranium Enrichment Decon. & Decom. Fund<br>Uranium Enrichment D&D Fund<br>Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science<br>High Energy Physics<br>High Energy Physics<br>High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics<br>Nuclear Physics<br>Nuclear Physics<br>Nuclear Physics<br>Biological and Environmental Research<br>Biological and Environmental Research<br>Biological and Environmental Research<br>Biological and Environmental Research<br>Biological and Environmental Research<br>Basic Energy Sciences<br>Basic Energy Sciences         \$1,637         \$66,834         \$124,217           Basic Energy Sciences<br>Basic Energy Sciences         \$5,212         \$98,133         \$277,461  |   |                          |                          |                    |
| Congressionally Directed Projects         \$0         \$186,664         \$0           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Uranium Enrichment Decon. & Decom. Fund         Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,705         \$16,754         \$46,585           Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Total Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Basic Energy Sciences         \$5,212         \$98,133         \$277,461   |   |                          | ·                        |                    |
| Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Total Energy Efficiency and Renewable Energy         \$0         \$787,521         \$595,352           Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,637         \$66,834         \$124,217           Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Total Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Basic Energy Sciences         \$5,212         \$98,133         \$277,461  |   | ·                        |                          | \$0                |
| Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Science High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,705         \$16,754         \$46,585           Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research \$1,637         \$66,834         \$124,217           Total Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences         \$5,212         \$98,133         \$277,461  |   | \$0                      | \$787,521                | \$595,352          |
| Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,705         \$16,754         \$46,585           Biological and Environmental Research             Biological and Environmental Research             Biological and Environmental Research             S1,637         \$66,834         \$124,217           Total Biological and Environmental Research             Basic Energy Sciences              Basic Energy Sciences         \$5,212         \$98,133         \$277,461  | Total Energy Efficiency and Renewable Energy  | \$0                      | \$787,521                | \$595,352          |
| Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,705         \$16,754         \$46,585           Biological and Environmental Research  | Uranium Enrichment Decon, & Decom, Fund       |                          |                          |                    |
| Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,705         \$16,754         \$46,585           Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Total Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Basic Energy Sciences         \$5,212         \$98,133         \$277,461   |   |                          |                          |                    |
| Total Uranium Enrichment D&D Fund         \$19,800         \$19,818         \$0           Total Uranium Enrichment Decon. & Decom. Fund         \$19,800         \$19,818         \$0           Science         High Energy Physics         \$2,698         \$48,988         \$75,114           High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,705         \$16,754         \$46,585           Biological and Environmental Research  |   | \$19 800                 | \$19.818                 | \$0                |
| Total Uranium Enrichment Decon. & Decom. Fund \$19,800 \$19,818 \$00 \$19,818 \$00 \$19,818 \$00 \$00 \$00 \$19,818 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$0  |   |                          |                          |                    |
| Science       High Energy Physics       \$2,698       \$48,988       \$75,114         Total High Energy Physics       \$2,698       \$48,988       \$75,114         Nuclear Physics       \$1,705       \$16,754       \$46,585         Total Nuclear Physics       \$1,705       \$16,754       \$46,585         Biological and Environmental Research       \$1,637       \$66,834       \$124,217         Total Biological and Environmental Research       \$1,637       \$66,834       \$124,217         Basic Energy Sciences       \$5,212       \$98,133       \$277,461   |   |                          |                          |                    |
| High Energy Physics       \$2,698       \$48,988       \$75,114         Total High Energy Physics       \$2,698       \$48,988       \$75,114         Nuclear Physics       \$1,705       \$16,754       \$46,585         Nuclear Physics       \$1,705       \$16,754       \$46,585         Biological and Environmental Research         \$1,637       \$66,834       \$124,217         Total Biological and Environmental Research         \$1,637       \$66,834       \$124,217         Basic Energy Sciences         \$5,212       \$98,133       \$277,461   | Total Uranium Enrichment Decon. & Decom. Fund | \$19,800                 | \$19,818                 | \$0                |
| High Energy Physics       \$2,698       \$48,988       \$75,114         Total High Energy Physics       \$2,698       \$48,988       \$75,114         Nuclear Physics       \$1,705       \$16,754       \$46,585         Total Nuclear Physics       \$1,705       \$16,754       \$46,585         Biological and Environmental Research       \$1,637       \$66,834       \$124,217         Total Biological and Environmental Research       \$1,637       \$66,834       \$124,217         Basic Energy Sciences       \$5,212       \$98,133       \$277,461   | Science                                       |                          |                          |                    |
| Total High Energy Physics         \$2,698         \$48,988         \$75,114           Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,705         \$16,754         \$46,585           Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Total Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Basic Energy Sciences         \$5,212         \$98,133         \$277,461   |   |                          |                          |                    |
| Nuclear Physics Nuclear Physics Standard Physics Nuclear Physics Standard Physics Total Nuclear Physics Biological and Environmental Research Biological and Environmental Research Standard Physics Standard Phys | High Energy Physics                           | \$2,698                  | \$48,988                 | \$75,114           |
| Nuclear Physics         \$1,705         \$16,754         \$46,585           Total Nuclear Physics         \$1,705         \$16,754         \$46,585           Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Total Biological and Environmental Research         \$1,637         \$66,834         \$124,217           Basic Energy Sciences         \$5,212         \$98,133         \$277,461   | Total High Energy Physics                     | \$2,698                  | \$48,988                 | \$75,114           |
| Total Nuclear Physics \$1,705 \$16,754 \$46,585  Biological and Environmental Research Biological and Environmental Research \$1,637 \$66,834 \$124,217  Total Biological and Environmental Research \$1,637 \$66,834 \$124,217  Basic Energy Sciences Basic Energy Sciences \$5,212 \$98,133 \$277,461  | Nuclear Physics                               |                          |                          |                    |
| Biological and Environmental Research Biological and Environmental Research  **Total Biological and Environmental Research  Basic Energy Sciences Basic Energy Sciences  **Special Content of the Special Cont | Nuclear Physics                               | \$1,705                  | \$16,754                 | \$46,585           |
| Biological and Environmental Research \$1,637 \$66,834 \$124,217  Total Biological and Environmental Research \$1,637 \$66,834 \$124,217  Basic Energy Sciences Basic Energy Sciences \$5,212 \$98,133 \$277,461   | Total Nuclear Physics                         | \$1,705                  | \$16,754                 | \$46,585           |
| Total Biological and Environmental Research \$1,637 \$66,834 \$124,217  Basic Energy Sciences Basic Energy Sciences \$5,212 \$98,133 \$277,461   |   | \$1.637                  | \$66.834                 | \$124.217          |
| Basic Energy Sciences  Basic Energy Sciences \$5,212 \$98,133 \$277,461  |   |                          |                          |                    |
| Basic Energy Sciences \$5,212 \$98,133 \$277,461   | <u> </u>                                      | Ψ1,501                   | Ψ30,00 ί                 | Ψ.Δ.,Δ.17          |
| Total Basic Energy Sciences \$5,212 \$98,133 \$277,461   |   | \$5,212                  | \$98,133                 | \$277,461          |
|  | Total Basic Energy Sciences                   | \$5,212                  | \$98,133                 | \$277,461          |

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#### State Table

| ict Of Columbia   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Fusion Energy Sciences Program Fusion Energy Sciences Program   | \$743                    | \$14,179                 | \$20,844           |
| Total Fusion Energy Sciences Program  | \$743                    | \$14,179                 | \$20,844           |
| Science Laboratories Infrastructure Science Laboratories Infrastructure                                 | \$238                    | \$1,514                  | \$0                |
| Total Science Laboratories Infrastructure   | \$238                    | \$1,514                  | \$0                |
| Advanced Scientific Computing Research Advanced Scientific Computing Research                           | \$676                    | \$76,448                 | \$54,897           |
| Total Advanced Scientific Computing Research  | \$676                    | \$76,448                 | \$54,897           |
| Program Direction Program Direction   | \$53,411                 | \$65,902                 | \$82,846           |
| Total Program Direction   | \$53,411                 | \$65,902                 | \$82,846           |
| Safeguards and Security Safeguards and Security   | \$2,104                  | \$2,362                  | \$4,138            |
| Total Safeguards and Security   | \$2,104                  | \$2,362                  | \$4,138            |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists     | \$0                      | \$2,982                  | \$0                |
| Total Workforce Development for Teachers and Scientists   | \$0                      | \$2,982                  | \$0                |
| otal Science  | \$68,424                 | \$394,096                | \$686,102          |
| Veapons Activities  |                          |                          |                    |
| Directed Stockpile Work Directed Stockpile Work   | \$1,170                  | \$5                      | \$0                |
| Total Directed Stockpile Work   | \$1,170                  | \$5                      | \$0                |
| Science Campaign Science Campaign   | \$1,943                  | \$1,226                  | \$67,192           |
| Total Science Campaign  | \$1,943                  | \$1,226                  | \$67,192           |
| Engineering Campaign Engineering Campaign   | \$4,465                  | \$0                      | \$2,247            |
| Total Engineering Campaign  | \$4,465                  | \$0                      | \$2,247            |
| Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign | \$20,008                 | \$23,105                 | \$5,259            |
| Total Inertial Confinement Fusion and High Yield Campaig  | \$20,008                 | \$23,105                 | \$5,259            |
| Advanced Simulation & Computing Campaign<br>Advanced Simulation & Computing Campaign                    | \$21,727                 | \$6,270                  | \$168,218          |
| Total Advanced Simulation & Computing Campaign  | \$21,727                 | \$6,270                  | \$168,218          |
| Transformation Disposition Transformation Disposition   | \$0                      | \$0                      | \$4,500            |
| Hansion Disposition   | ΨΨ                       | •                        |                    |

State Table

(Dollars In Thousands)

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| istrict Of Columbia   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Defense Nuclear Security Defense Nuclear Security   | \$23,236                 | \$38,471                 | \$23,484           |
| Total Defense Nuclear Security  | \$23,236                 | \$38,471                 | \$23,484           |
| Cyber Security Cyber Security   | \$40,459                 | \$26,084                 | \$40,193           |
| Total Cyber Security  | \$40,459                 | \$26,084                 | \$40,193           |
| Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign                     | \$500                    | \$3,000                  | \$0                |
| Total Pit Manufacturing and Certification Campaign  | \$500                    | \$3,000                  | \$0                |
| Readiness Campaign<br>Readiness Campaign  | \$8,541                  | \$10,117                 | \$13,620           |
| Total Readiness Campaign  | \$8,541                  | \$10,117                 | \$13,620           |
| Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities                         | \$47,847                 | \$7,800                  | \$71,780           |
| Total Readiness in Technical Base and Facilities  | \$47,847                 | \$7,800                  | \$71,780           |
| Nuclear Weapons Incident Response<br>Nuclear Weapons Incident Response  | \$1,598                  | \$6,663                  | \$9,746            |
| Total Nuclear Weapons Incident Response   | \$1,598                  | \$6,663                  | \$9,746            |
| Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program | \$639                    | \$11,412                 | \$8,478            |
| Total Facilities and Infrastructure Recapitalization Program  | \$639                    | \$11,412                 | \$8,478            |
| Total Weapons Activities  | \$172,133                | \$134,153                | \$414,717          |
| Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health Program Direction    | \$38,735<br>\$17,105     | \$0<br>\$0               | \$0<br>\$0         |
| Total Environment, Safety, and Health   | \$55,840                 | \$0                      | \$0                |
| Hearings and Appeals Hearings and Appeals   | \$4,349                  | \$4,565                  | \$6,603            |
| Total Hearings and Appeals  | \$4,349                  | \$4,565                  | \$6,603            |
| Security and Safety Performance Assurance Nuclear Safeguards and Security Security Investigations             | \$148,350<br>\$6,228     | \$0<br>\$0               | \$0<br>\$0         |
| Total Security and Safety Performance Assurance   | \$154,578                | \$0                      | \$0                |
| Office of Legacy Management Office of Legacy Management   | \$11,860                 | \$12,542                 | \$16,475           |
| Total Office of Legacy Management   | \$11,860                 | \$12,542                 | \$16,475           |
| Health Safety and Security Health Safety and Security (All other)   | \$0                      | \$253,323                | \$278,849          |

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#### State Table

(Dollars In Thousands)

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| strict Of Columbia  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Health Safety and Security  | \$0                      | \$253,323                | \$278,849          |
| Program Direction Program Direction   | \$0                      | \$97,937                 | \$98,397           |
| Total Program Direction   | \$0                      | \$97,937                 | \$98,397           |
| Total Other Defense Activities  | \$226,627                | \$368,367                | \$400,324          |
| Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D                    | \$2,472                  | \$7,508                  | \$1,199            |
| Total Nonproliferation and Verification R&D   | \$2,472                  | \$7,508                  | \$1,199            |
| Nonproliferation and International Security  Nonproliferation and International Security  | \$14,530                 | \$16,906                 | \$15,833           |
| Total Nonproliferation and International Security   | \$14,530                 | \$16,906                 | \$15,833           |
| Non Proliferation Programs with Russia<br>Elimination of Weapons -Grade Plutonium Production P<br>Fissile Materials Disposition | \$0<br>\$12,150          | \$8,347<br>\$0           | \$6,653<br>\$1,000 |
| Total Non Proliferation Programs with Russia  | \$12,150                 | \$8,347                  | \$7,653            |
| Global Threat Reduction Initiative Global Threat Reduction Initiative   | \$1,383                  | \$0                      | \$0                |
| Total Global Threat Reduction Initiative  | \$1,383                  | \$0                      | \$0                |
| International Nuclear Fuel Bank<br>International Nuclear Fuel Bank  | \$0                      | \$49,545                 | \$0                |
| Total International Nuclear Fuel Bank   | \$0                      | \$49,545                 | \$0                |
| Total Defense Nuclear Nonproliferation  | \$30,535                 | \$82,306                 | \$24,685           |
| Naval Reactors  Naval Reactors Development  Naval Reactors Development  | \$2,731                  | \$3,218                  | \$3,200            |
| Total Naval Reactors Development  | \$2,731                  | \$3,218                  | \$3,200            |
| Program Direction Program Direction   | \$14,432                 | \$14,122                 | \$15,304           |
| Total Program Direction   | \$14,432                 | \$14,122                 | \$15,304           |
| Total Naval Reactors  | \$17,163                 | \$17,340                 | \$18,504           |
| Office of the Administrator Office of the Administrator   | ¢170 020                 | \$202.472                | ¢242 20 <i>4</i>   |
| Office of the Administrator  Total Office of the Administrator  | \$178,838                | \$203,472                | \$212,394          |
|   | \$178,838                | \$203,472                | \$212,394          |
| Total Office of the Administrator   | \$178,838                | \$203,472                | \$212,394          |
| Departmental Administration   |                          |                          |                    |

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#### State Table

| ct Of Columbia   | FY 2007<br>Appropriation            | FY 2008<br>Appropriation              | FY 2009<br>Request                      |
|--|-------------------------------------|---------------------------------------|---|
| Policy & International Affairs Program Direction Policy Analysis and System Studies Environmental Policy Studies Climate Change Technology Program | \$15,054<br>\$389<br>\$558<br>\$501 | \$18,831<br>\$621<br>\$528<br>\$1,059 | \$19,469<br>\$1,000<br>\$531<br>\$2,000 |
| Total Policy & International Affairs   | \$16,502                            | \$21,039                              | \$23,000                                |
| Loan guarantee  Loan guarantee   | \$7,000                             | \$0                                   | \$0                                     |
| Total Loan guarantee   | \$7,000                             | \$0                                   | \$0                                     |
| Chief Financial Officer Program Direction Program Direction Program Direction  | \$23,192<br>\$22,107                | \$25,898<br>\$27,986                  | \$27,761<br>\$31,436                    |
| Total Program Direction  | \$45,299                            | \$53,884                              | \$59,197                                |
| Congressional, and Intergovernmental Affairs Program Direction   | \$4,813                             | \$4,733                               | \$4,700                                 |
| Total Congressional, and Intergovernmental Affairs   | \$4,813                             | \$4,733                               | \$4,700                                 |
| Public Affairs Program Direction   | \$4,493                             | \$3,339                               | \$3,780                                 |
| Total Public Affairs   | \$4,493                             | \$3,339                               | \$3,780                                 |
| General Counsel<br>General Counsel   | \$23,202                            | \$29,889                              | \$31,233                                |
| Total General Counsel  | \$23,202                            | \$29,889                              | \$31,233                                |
| Office of the Secretary Office of the Secretary  | \$5,429                             | \$5,751                               | \$5,700                                 |
| Total Office of the Secretary  | \$5,429                             | \$5,751                               | \$5,700                                 |
| Management & Administration Program Direction  | \$29,952                            | \$36,717                              | \$37,766                                |
| Total Management & Administration  | \$29,952                            | \$36,717                              | \$37,766                                |
| Economic Impact & Diversity Program Direction Minority Economic Impact   | \$5,477<br>\$677                    | \$5,614<br>\$829                      | \$3,545<br>\$855                        |
| Total Economic Impact & Diversity  | \$6,154                             | \$6,443                               | \$4,400                                 |
| Chief Information Officer Program Direction Cyber Security and Secure Communications Corporate Management Information Program                      | \$39,172<br>\$34,243<br>\$22,825    | \$47,106<br>\$25,190<br>\$28,164      | \$53,738<br>\$25,212<br>\$27,250        |
| Total Chief Information Officer  | \$96,240                            | \$100,460                             | \$106,200                               |
| tal Departmental Administration  | \$239,084                           | \$262,255                             | \$275,976                               |

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| District Of Columbia   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Office of the Inspector General  |                          |                          |                    |
| Office of the Inspector General  | 040.540                  | <b>0.4.4.00</b> 7        | <b>#</b> 40.000    |
| Office of the Inspector General  | \$10,512                 | \$11,937                 | \$12,628           |
| Total Office of the Inspector General  | \$10,512                 | \$11,937                 | \$12,628           |
| Total Office of the Inspector General  | \$10,512                 | \$11,937                 | \$12,628           |
| Western Area Power Admin. Const., Rehab., O&M                                      |                          |                          |                    |
| Program Direction  | <b>#</b> 405             | <b>#470</b>              | <b>#</b> 400       |
| Program Direction  | \$465                    | \$478                    | \$480              |
| Total Program Direction  | \$465                    | \$478                    | \$480              |
| Total Western Area Power Admin. Const.,Rehab.,O&M                                  | \$465                    | \$478                    | \$480              |
| Federal Energy Regulatory Commission   |                          |                          |                    |
| Energy Infrastructure  |                          |                          | _                  |
| Energy Infrastructure  | \$144,500                | \$160,425                | \$169,400          |
| Total Energy Infrastructure  | \$144,500                | \$160,425                | \$169,400          |
| Competitive Markets  | <b>*</b> 40.000          | <b>A==</b> 000           | <b>4=</b> 0 000    |
| Competitive Markets  | \$40,000                 | \$55,000                 | \$58,000           |
| Total Competitive Markets  | \$40,000                 | \$55,000                 | \$58,000           |
| Market Oversight   | <b>*</b> 0= 400          | <b>4.7.</b> 000          | <b>440.000</b>     |
| Market Oversight   | \$37,402                 | \$45,000                 | \$46,000           |
| Total Market Oversight   | \$37,402                 | \$45,000                 | \$46,000           |
| Total Federal Energy Regulatory Commission   | \$221,902                | \$260,425                | \$273,400          |
| Fossil Energy Research and Development   |                          |                          |                    |
| Fuels and Other Power Systems  |                          |                          |                    |
| Carbon Sequestration   | \$49                     | \$0                      | \$0                |
| Advanced Research  | \$883                    | \$543                    | \$650              |
| Total Fuels and Other Power Systems  | \$932                    | \$543                    | \$650              |
| Natural Gas Technologies   |                          | <b>.</b>                 | •-                 |
| Natural Gas Technologies   | \$915                    | \$1,403                  | \$0                |
| Total Natural Gas Technologies   | \$915                    | \$1,403                  | \$0                |
| Petroleum - Oil Technologies<br>Oil Technology                                     | \$27                     | \$383                    | \$0                |
| Total Petroleum - Oil Technologies   |                          |                          |                    |
| <u> </u>   | \$27                     | \$383                    | \$0                |
| Fossil Energy Environmental Restoration<br>Fossil Energy Environmental Restoration | \$75                     | \$74                     | \$75               |
| Total Fossil Energy Environmental Restoration                                      | \$75                     | \$74                     | \$75               |
| Congressionally Directed Projects  |                          | ·                        |                    |
| Congressionally Directed Projects  | \$0                      | \$1,331                  | \$0                |
| Total Congressionally Directed Projects  | \$0                      | \$1,331                  | <del>\$</del> 0    |

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#### State Table

| strict Of Columbia  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Fossil Energy Research and Development                                      | \$1,949                  | \$3,734                  | \$725              |
| Naval Petroleum and Oil Shale Reserves  |                          |                          |                    |
| Naval Petroleum and Oil Shale Reserves  | <b>CO 474</b>            | <b>64</b> 777            | <b>#4.00</b>       |
| Management  | \$3,174                  | \$1,777                  | \$1,987            |
| Total Naval Petroleum and Oil Shale Reserves                                      | \$3,174                  | \$1,777                  | \$1,987            |
| Total Naval Petroleum and Oil Shale Reserves                                      | \$3,174                  | \$1,777                  | \$1,987            |
| Nuclear Waste Fund  |                          |                          |                    |
| Nuclear Waste Disposal  | <b>^</b>                 | <b>.</b>                 |                    |
| Transportation  | \$567                    | \$18,300                 | \$20,000           |
| Prog. Mgmt. & Int (S & T)   | \$11,409                 | \$21,645                 | \$21,790           |
| Program Direction   | \$31,222                 | \$42,775                 | \$44,066           |
| Total Nuclear Waste Disposal  | \$43,198                 | \$82,720                 | \$85,856           |
| Total Nuclear Waste Fund  | \$43,198                 | \$82,720                 | \$85,856           |
| Defense Nuclear Waste Disposal  |                          |                          |                    |
| Defense Nuclear Waste Disposal  |                          |                          |                    |
| Transportation  | \$19,322                 | \$0                      | \$0                |
| Prog. mgmt & Int (Non S & T)  | \$30,141                 | \$0                      | \$0                |
| Total Defense Nuclear Waste Disposal  | \$49,463                 | \$0                      | \$0                |
| Total Defense Nuclear Waste Disposal  | \$49,463                 | \$0                      | \$0                |
| Defense Environmental Cleanup   |                          |                          |                    |
| Program Direction   |                          |                          |                    |
| Program Direction   | \$79,066                 | \$98,353                 | \$98,711           |
| Total Program Direction   | \$79,066                 | \$98,353                 | \$98,711           |
| Program Support   | <b>#00.004</b>           | <b>COO</b> O 4 4         | <b>#</b> 00.000    |
| Program Support   | \$28,031                 | \$32,844                 | \$33,930           |
| Total Program Support   | \$28,031                 | \$32,844                 | \$33,930           |
| Uranium Enrichment D&D Fund Contribution Uranium Enrichment D&D Fund Contribution | \$452,000                | \$458,787                | \$463,000          |
| Total Uranium Enrichment D&D Fund Contribution                                    | \$452,000                | \$458,787                | \$463,000          |
| Technology Development  | Ψ-102,000                | Ψ-100,707                | Ψ+00,000           |
| Technology Development  | \$19,215                 | \$21,194                 | \$32,389           |
| Total Technology Development  | \$19,215                 | \$21,194                 | \$32,389           |
| Congressionally Directed Projects   |                          |                          |                    |
| Congressionally Directed Projects   | \$0                      | \$17,195                 | \$0                |
| Total Congressionally Directed Projects   | \$0                      | \$17,195                 | \$0                |
| Total Defense Environmental Cleanup   | \$578,312                | \$628,373                | \$628,030          |
| Strategic Petroleum Reserve   |                          |                          |                    |

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| strict Of Columbia   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Management for SPR Operations  Management  | \$4,739                  | \$4,781                  | \$4,955            |
| Total Management for SPR Operations  | \$4,739                  | \$4,781                  | \$4,955            |
| Expansion<br>Expansion   | \$0                      | \$0                      | \$13,513           |
| Total Expansion  | \$0                      | \$0                      | \$13,513           |
| Total Strategic Petroleum Reserve  | \$4,739                  | \$4,781                  | \$18,468           |
| Northeast Home Heating Oil Reserve Account<br>Northeast Home Heating Oil Reserve<br>Northeast Home Heating Oil Reserve | \$429                    | \$3,208                  | \$304              |
| Total Northeast Home Heating Oil Reserve   | \$429                    | \$3,208                  | \$304              |
| Total Northeast Home Heating Oil Reserve Account   | \$429                    | \$3,208                  | \$304              |
| Energy Information Administration Energy Information Administration National Energy Information System                 | \$66,423                 | \$70,130                 | \$78,895           |
| Total Energy Information Administration  | \$66,423                 | \$70,130                 | \$78,895           |
| Total Energy Information Administration  | \$66,423                 | \$70,130                 | \$78,895           |
| otal District Of Columbia  | \$2,641,067              | \$3,475,178              | \$3,890,867        |

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#### State Table

| prida  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|--|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation               |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$1,753                  | \$0                      | \$0               |
| State Energy Program Grants                  | \$1,741                  | \$0                      | \$0               |
| Total Energy Efficiency and Renewable Energy | \$3,494                  | \$0                      | \$0               |
| Total Energy Supply and Conservation         | \$3,494                  | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$0                      | \$1,948                  | \$0               |
| State Energy Program Grants                  | \$0                      | \$1,168                  | \$772             |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$3,116                  | \$772             |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$3,116                  | \$772             |
| Science                                      |                          |                          |                   |
| High Energy Physics                          |                          |                          |                   |
| High Energy Physics                          | \$4,114                  | \$2,596                  | \$3,821           |
| Total High Energy Physics                    | \$4,114                  | \$2,596                  | \$3,821           |
| Nuclear Physics                              |                          |                          |                   |
| Nuclear Physics                              | \$930                    | \$991                    | \$877             |
| Total Nuclear Physics                        | \$930                    | \$991                    | \$877             |
| Biological and Environmental Research        |                          |                          |                   |
| Biological and Environmental Research        | \$3,468                  | \$1,451                  | \$2,248           |
| Total Biological and Environmental Research  | \$3,468                  | \$1,451                  | \$2,248           |
| Basic Energy Sciences                        |                          |                          |                   |
| Basic Energy Sciences                        | \$3,396                  | \$3,202                  | \$2,346           |
| Total Basic Energy Sciences                  | \$3,396                  | \$3,202                  | \$2,346           |
| Fusion Energy Sciences Program               |                          |                          |                   |
| Fusion Energy Sciences Program               | \$455                    | \$461                    | \$391             |
| Total Fusion Energy Sciences Program         | \$455                    | \$461                    | \$391             |
| Advanced Scientific Computing Research       |                          |                          |                   |
| Advanced Scientific Computing Research       | \$412                    | \$425                    | \$510             |
| Total Advanced Scientific Computing Research | \$412                    | \$425                    | \$510             |
| Total Science                                | \$12,775                 | \$9,126                  | \$10,193          |
| Other Defense Activities                     |                          |                          |                   |
| Office of Legacy Management                  |                          |                          |                   |
| Office of Legacy Management                  | \$14,336                 | \$7,757                  | \$8,174           |
| Total Office of Legacy Management            | \$14,336                 | \$7,757                  | \$8,174           |
| Total Other Defense Activities               | \$14,336                 | \$7,757                  | \$8,174           |
|  |                          |                          |                   |

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#### State Table

| Florida  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling                |                          |                          |                    |
| Purchase Power and Wheeling  | \$700                    | \$700                    | \$700              |
| Total Purchase Power and Wheeling  | \$700                    | \$700                    | \$700              |
| Total Southeastern Power Admin Operation & Maint.                                      | \$700                    | \$700                    | \$700              |
| Fossil Energy Research and Development Fuels and Other Power Systems Advanced Turbines | \$4,481                  | \$5,250                  | \$8,772            |
| Total Fuels and Other Power Systems  | \$4,481                  | \$5,250                  | \$8,772            |
| Total Fossil Energy Research and Development   | \$4,481                  | \$5,250                  | \$8,772            |
| Total Florida  | \$35,786                 | \$25,949                 | \$28,611           |

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#### State Table

| orgia   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                    |                          |                          |                    |
| Energy Efficiency and Renewable Energy            |                          |                          |                    |
| Weatherization Assistance                         | \$2,619                  | \$0                      | \$0                |
| State Energy Program Grants                       | \$1,125                  | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy      | \$3,744                  | \$0                      | \$0                |
| Total Energy Supply and Conservation              | \$3,744                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy            |                          |                          |                    |
| Energy Efficiency and Renewable Energy            |                          |                          |                    |
| Weatherization Assistance                         | \$0                      | \$2,915                  | \$0                |
| State Energy Program Grants                       | \$0                      | \$753                    | \$495              |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$3,668                  | \$495              |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$3,668                  | \$495              |
| Science   |                          |                          |                    |
| Nuclear Physics                                   |                          |                          |                    |
| Nuclear Physics                                   | \$397                    | \$392                    | \$392              |
| Total Nuclear Physics                             | \$397                    | \$392                    | \$392              |
| Biological and Environmental Research             |                          |                          |                    |
| Biological and Environmental Research             | \$3,242                  | \$2,062                  | \$1,749            |
| Total Biological and Environmental Research       | \$3,242                  | \$2,062                  | \$1,749            |
| Basic Energy Sciences                             |                          |                          |                    |
| Basic Energy Sciences                             | \$6,900                  | \$5,690                  | \$4,393            |
| Total Basic Energy Sciences                       | \$6,900                  | \$5,690                  | \$4,393            |
| Fusion Energy Sciences Program                    |                          |                          |                    |
| Fusion Energy Sciences Program                    | \$319                    | \$423                    | \$393              |
| Total Fusion Energy Sciences Program              | \$319                    | \$423                    | \$393              |
| Advanced Scientific Computing Research            |                          |                          |                    |
| Advanced Scientific Computing Research            | \$546                    | \$437                    | \$437              |
| Total Advanced Scientific Computing Research      | \$546                    | \$437                    | \$437              |
| Total Science                                     | \$11,404                 | \$9,004                  | \$7,364            |
| Southeastern Power Admin Operation & Maint.       |                          |                          |                    |
| Purchase Power and Wheeling                       |                          |                          |                    |
| Purchase Power and Wheeling                       | \$27,024                 | \$42,480                 | \$43,327           |
| Total Purchase Power and Wheeling                 | \$27,024                 | \$42,480                 | \$43,327           |
| Program Direction                                 |                          |                          |                    |
| Program Direction                                 | \$5,602                  | \$6,404                  | \$7,420            |
| Total Program Direction                           | \$5,602                  | \$6,404                  | \$7,420            |
| Total Southeastern Power Admin Operation & Maint. | \$32,626                 | \$48,884                 | \$50,747           |
| -   |                          |                          |                    |

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#### State Table

| Georgia   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration Advanced Research | \$6,750<br>\$50          | \$9,950<br>\$0           | \$17,221<br>\$0    |
| Total Fuels and Other Power Systems   | \$6,800                  | \$9,950                  | \$17,221           |
| Natural Gas Technologies<br>Natural Gas Technologies  | \$90                     | \$188                    | \$0                |
| Total Natural Gas Technologies  | \$90                     | \$188                    | \$0                |
| Total Fossil Energy Research and Development  | \$6,890                  | \$10,138                 | \$17,221           |
| Total Georgia   | \$54,664                 | \$71,694                 | \$75,827           |

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#### State Table

| Guam  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation Energy Efficiency and Renewable Energy State Energy Program Grants               | \$263                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy  | \$263                    | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$263                    | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy<br>Energy Efficiency and Renewable Energy<br>State Energy Program Grants | \$0                      | \$173                    | \$111              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$173                    | \$111              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$173                    | \$111              |
| Total Guam  | \$263                    | \$173                    | \$111              |

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#### State Table

| Hawaii                                       | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation               |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$188                    | \$0                      | \$0                |
| State Energy Program Grants                  | \$361                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy | \$549                    | \$0                      | \$0                |
| Total Energy Supply and Conservation         | \$549                    | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$0                      | \$204                    | \$0                |
| State Energy Program Grants                  | \$0                      | \$241                    | \$158              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$445                    | \$158              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$445                    | \$158              |
| Science                                      |                          |                          |                    |
| High Energy Physics                          |                          |                          |                    |
| High Energy Physics                          | \$1,704                  | \$1,730                  | \$1,670            |
| Total High Energy Physics                    | \$1,704                  | \$1,730                  | \$1,670            |
| Biological and Environmental Research        |                          |                          |                    |
| Biological and Environmental Research        | \$309                    | \$319                    | \$330              |
| Total Biological and Environmental Research  | \$309                    | \$319                    | \$330              |
| Basic Energy Sciences                        |                          |                          |                    |
| Basic Energy Sciences                        | \$436                    | \$447                    | \$452              |
| Total Basic Energy Sciences                  | \$436                    | \$447                    | \$452              |
| Total Science                                | \$2,449                  | \$2,496                  | \$2,452            |
| Total Hawaii                                 | \$2,998                  | \$2,941                  | \$2,610            |

## Department Of Energy

FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| ho  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation                              |                          |                          |                   |
| Electricity Delivery & Energy Reliability                   |                          |                          |                   |
| Research & Development                                      | \$2,890                  | \$0                      | \$0               |
| Program Direction   | \$10                     | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy                      |                          |                          |                   |
| Biomass and Biorefinery Systems R&D                         | \$6,315                  | \$0                      | \$0               |
| Wind Energy   | \$900                    | \$0                      | \$0               |
| Geothermal Technology                                       | \$125                    | \$0                      | \$0               |
| Water Power   | \$0                      | \$0                      | \$0               |
| Vehicle Technologies  | \$3,324                  | \$0                      | \$0               |
| Industrial Technologies                                     | \$925                    | \$0                      | \$0               |
| Federal Energy Management Program                           | \$205                    | \$0                      | \$0               |
| Weatherization Assistance                                   | \$1,766                  | \$0                      | \$0               |
| State Energy Program Grants                                 | \$402                    | \$0                      | \$0               |
| Total Energy Efficiency and Renewable Energy                | \$16,862                 | \$0                      | \$0               |
| Research & Development                                      |                          |                          |                   |
| Nuclear Power 2010  | \$79,873                 | \$0                      | \$0               |
| Nuclear Hydrogen Initiative                                 | \$5,968                  | \$0                      | \$0               |
| Advanced Fuel Cycle Initiative                              | \$81,880                 | \$0                      | \$0               |
| Generation IV Nuclear Energy Systems Initiative             | \$28,989                 | \$0                      | \$0               |
| Total Research & Development                                | \$196,710                | \$0                      | \$0               |
| University Reactor Infrastructure and Education Assistance  |                          |                          |                   |
| University Reactor Infrastructure and Education Assistan    | \$16,506                 | \$0                      | \$0               |
| Total University Reactor Infrastructure and Education Assis | \$16,506                 | \$0                      | \$0               |
| Infrastructure  |                          |                          |                   |
| Radiological Facilities Management                          | \$12,200                 | \$0                      | \$0               |
| Idaho Facilities Management                                 | \$84,435                 | \$0                      | \$0               |
| Total Infrastructure  | \$96,635                 | \$0                      | \$0               |
| Total Energy Supply and Conservation                        | \$326,713                | \$0                      | \$(               |
| Non-Defense Environmental Cleanup                           |                          |                          |                   |
| Small Sites   |                          |                          |                   |
| Small Sites   | \$7,000                  | \$5,351                  | \$4,400           |
| Total Small Sites   | \$7,000                  | \$5,351                  | \$4,400           |
| Total Non-Defense Environmental Cleanup                     | \$7,000                  | \$5,351                  | \$4,400           |
| Electricity Delivery and Energy Reliability                 | . ,                      |                          | ,                 |
| Electricity Delivery and Energy Reliability                 |                          |                          |                   |
| Research and Development                                    | \$0                      | \$4,930                  | \$2,000           |
| Total Electricity Delivery and Energy Reliability           | \$0                      | \$4,930                  | \$2,000           |
|   |                          |                          |                   |
| Total Electricity Delivery and Energy Reliability           | \$0                      | \$4,930                  | \$2,000           |
| Nuclear Energy  |                          |                          |                   |

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#### State Table

(Dollars In Thousands)

| ho   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Research & Development                         |                          |                          | '                  |
| Nuclear Power 2010                             | \$0                      | \$132,771                | \$241,100          |
| Nuclear Hydrogen Initiative                    | \$0                      | \$4,672                  | \$7,400            |
| Generation IV Nuclear Energy System Initiative | \$0                      | \$76,042                 | \$61,960           |
| Advanced Fuel Cycle Initiative                 | \$0                      | \$0                      | \$77,812           |
| Total Research & Development                   | \$0                      | \$213,485                | \$388,272          |
| Fuel Cycle Research and Facilities             |                          |                          |                    |
| Advanced Fuel Cycle Initiative                 | \$0                      | \$44,570                 | \$0                |
| Total Fuel Cycle Research and Facilities       | \$0                      | \$44,570                 | \$0                |
| Program Direction-NE                           |                          |                          |                    |
| Program Direction-NE                           | \$0                      | \$35,450                 | \$35,575           |
| Total Program Direction-NE                     | \$0                      | \$35,450                 | \$35,575           |
| Infrastructure                                 |                          |                          |                    |
| Radiological Facilities Management             | \$0                      | \$16,220                 | \$18,130           |
| Idaho Facilities Management                    | \$0                      | \$115,935                | \$104,700          |
| Total Infrastructure                           | \$0                      | \$132,155                | \$122,830          |
| Fotal Nuclear Energy                           | \$0                      | \$425,660                | \$546,677          |
| nergy Efficiency and Renewable Energy          |                          |                          |                    |
| Energy Efficiency and Renewable Energy         |                          |                          |                    |
| Biomass and Biorefinery Systems R&D            | \$0                      | \$5,000                  | \$7,000            |
| Wind Energy                                    | \$0                      | \$600                    | \$800              |
| Water Power                                    | \$0                      | \$500                    | \$300              |
| Vehicle Technologies                           | \$0                      | \$3,935                  | \$3,324            |
| Industrial Technologies                        | \$0                      | \$400                    | \$203              |
| Federal Energy Management Program              | \$0                      | \$201                    | \$0                |
| Weatherization Assistance                      | \$0                      | \$1,964                  | \$0                |
| State Energy Program Grants                    | \$0                      | \$269                    | \$176              |
| Total Energy Efficiency and Renewable Energy   | \$0                      | \$12,869                 | \$11,803           |
| Total Energy Efficiency and Renewable Energy   | \$0                      | \$12,869                 | \$11,803           |
| Science  |                          |                          |                    |
| Nuclear Physics                                |                          |                          |                    |
| Nuclear Physics                                | \$123                    | \$40                     | \$40               |
| Total Nuclear Physics                          | \$123                    | \$40                     | \$40               |
| Biological and Environmental Research          | •                        | ·                        | •                  |
| Biological and Environmental Research          | \$1,957                  | \$1,675                  | \$858              |
| Total Biological and Environmental Research    | \$1,957                  | \$1,675                  | \$858              |
| Basic Energy Sciences                          |                          |                          |                    |
| Basic Energy Sciences                          | \$1,170                  | \$1,105                  | \$974              |
|  |                          | <del></del>              |                    |

Total Basic Energy Sciences

Fusion Energy Sciences Program

\$1,170

\$1,105

\$974

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#### State Table

(Dollars In Thousands)

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| laho  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Fusion Energy Sciences Program  | \$2,323                  | \$2,321                  | \$2,321            |
| Total Fusion Energy Sciences Program  | \$2,323                  | \$2,321                  | \$2,321            |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists | \$100                    | \$86                     | \$255              |
| Total Workforce Development for Teachers and Scientists   | \$100                    | \$86                     | \$255              |
| Total Science   | \$5,673                  | \$5,227                  | \$4,448            |
| Weapons Activities Directed Stockpile Work Directed Stockpile Work                                  | \$120                    | \$105                    | \$0                |
| Total Directed Stockpile Work   | \$120                    | \$105                    | \$0                |
| Defense Nuclear Security Defense Nuclear Security   | \$0                      | \$14,713                 | \$0                |
| Total Defense Nuclear Security  | \$0                      | \$14,713                 | \$0                |
| Readiness Campaign<br>Readiness Campaign  | \$3,200                  | \$3,167                  | \$8,500            |
| Total Readiness Campaign  | \$3,200                  | \$3,167                  | \$8,500            |
| Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities               | \$2,136                  | \$2,515                  | \$0                |
| Total Readiness in Technical Base and Facilities  | \$2,136                  | \$2,515                  | \$0                |
| Nuclear Weapons Incident Response<br>Nuclear Weapons Incident Response                              | \$1,453                  | \$1,736                  | \$1,823            |
| Total Nuclear Weapons Incident Response   | \$1,453                  | \$1,736                  | \$1,823            |
| Total Weapons Activities  | \$6,909                  | \$22,236                 | \$10,323           |
| Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health            | \$2,987                  | \$0                      | \$0                |
| Program Direction   | \$2,971                  | \$0                      | \$0                |
| Total Environment, Safety, and Health   | \$5,958                  | \$0                      | \$0                |
| Security and Safety Performance Assurance Nuclear Safeguards and Security Security Investigations   | \$3,997<br>\$1,177       | \$0<br>\$0               | \$0<br>\$0         |
| Total Security and Safety Performance Assurance   | \$5,174                  | \$0                      | \$0                |
| Infrastructure<br>Idaho Facilities Management<br>Idaho Sitewide Safeguards and Security             | \$15,923<br>\$75,949     | \$0<br>\$75,261          | \$0<br>\$78,811    |
| Total Infrastructure  | \$91,872                 | \$75,261                 | \$78,811           |
| Program Direction, NE<br>Program Direction, NE  | \$30,844                 | \$0                      | \$0                |

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#### State Table

| aho  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Program Direction, NE  | \$30,844                 | \$0                      | \$0                |
| Health Safety and Security  Health Safety and Security (All other)   | \$0                      | \$4,226                  | \$5,080            |
| Total Health Safety and Security   | \$0                      | \$4,226                  | \$5,080            |
| Total Other Defense Activities   | \$133,848                | \$79,487                 | \$83,891           |
| Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D | \$5,034                  | \$6,878                  | \$4,977            |
| Total Nonproliferation and Verification R&D  | \$5,034                  | \$6,878                  | \$4,977            |
| Nonproliferation and International Security  Nonproliferation and International Security                     | \$837                    | \$974                    | \$912              |
| Total Nonproliferation and International Security  | \$837                    | \$974                    | \$912              |
| Non Proliferation Programs with Russia<br>International Nuclear Materials Protection & Cooperatio            | \$0                      | \$0                      | \$591              |
| Total Non Proliferation Programs with Russia   | \$0                      | \$0                      | \$591              |
| Global Threat Reduction Initiative Global Threat Reduction Initiative  | \$22,554                 | \$22,648                 | \$26,000           |
| Total Global Threat Reduction Initiative   | \$22,554                 | \$22,648                 | \$26,000           |
| Total Defense Nuclear Nonproliferation   | \$28,425                 | \$30,500                 | \$32,480           |
| Naval Reactors Development   | <b>¢</b> 60 517          | <b>PEC 264</b>           | \$60.200           |
| Naval Reactors Development  Total Naval Reactors Development   | \$63,517                 | \$56,361                 | \$60,300           |
| ·  | \$63,517                 | \$56,361                 | \$60,300           |
| Total Naval Reactors  Departmental Administration  Cost of Work for Others                                   | \$63,517                 | \$56,361                 | \$60,300           |
| Cost of Work for Others  | \$3,169                  | \$4,989                  | \$1,000            |
| Total Cost of Work for Others  | \$3,169                  | \$4,989                  | \$1,000            |
| Total Departmental Administration  | \$3,169                  | \$4,989                  | \$1,000            |
| Office of the Inspector General Office of the Inspector General  |                          |                          |                    |
| Office of the Inspector General  | \$556                    | \$1,118                  | \$932              |
| Total Office of the Inspector General  | \$556                    | \$1,118                  | \$932              |
| Total Office of the Inspector General  | \$556                    | \$1,118                  | \$932              |
| Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration                    | \$329                    | \$195                    | \$370              |

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#### State Table

| aho  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Advanced Research  | \$555                    | \$170                    | \$170              |
| Total Fuels and Other Power Systems  | \$884                    | \$365                    | \$540              |
| Natural Gas Technologies<br>Natural Gas Technologies   | \$200                    | \$200                    | \$0                |
| Total Natural Gas Technologies   | \$200                    | \$200                    | \$0                |
| Total Fossil Energy Research and Development   | \$1,084                  | \$565                    | \$540              |
| Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal | \$200                    | \$200                    | \$200              |
| Total Defense Nuclear Waste Disposal   | \$200                    | \$200                    | \$200              |
| <u> </u>   |                          |                          |                    |
| Total Defense Nuclear Waste Disposal   | \$200                    | \$200                    | \$200              |
| Defense Environmental Cleanup Idaho National Laboratory                                      |                          |                          |                    |
| Soil and Water Remediation   | \$520,883                | \$508,358                | \$432,124          |
| Total Idaho National Laboratory  | \$520,883                | \$508,358                | \$432,124          |
| Program Direction Program Direction  | \$9,001                  | \$9,776                  | \$10,876           |
| Total Program Direction  | \$9,001                  | \$9,776                  | \$10,876           |
| Total Defense Environmental Cleanup  | \$529,884                | \$518,134                | \$443,000          |
| Energy Information Administration Energy Information Administration                          |                          |                          |                    |
| National Energy Information System   | \$157                    | \$170                    | \$200              |
| Total Energy Information Administration  | \$157                    | \$170                    | \$200              |
| Total Energy Information Administration  | \$157                    | \$170                    | \$200              |
| otal Idaho   | \$1,107,135              | \$1,167,797              | \$1,202,194        |

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FY 2008

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#### State Table

| nois  | FY 2007       | FY 2008       | FY 2009      |
|---|---------------|---------------|--------------|
| 1015  | Appropriation | Appropriation | Reques       |
| Energy Supply and Conservation                    |               |               |              |
| Electricity Delivery & Energy Reliability         |               |               |              |
| Research & Development                            | \$8,906       | \$0           | \$0          |
| Electricity Restructuring                         | \$1,862       | \$0           | \$C          |
| Program Direction                                 | \$226         | \$0           | \$C          |
| Energy Efficiency and Renewable Energy            | •             | * -           | •            |
| Biomass and Biorefinery Systems R&D               | \$1,260       | \$0           | \$0          |
| Hydrogen Technology                               | \$8,554       | \$0           | \$0          |
| Vehicle Technologies                              | \$18,111      | \$0           | \$0          |
| Industrial Technologies                           | \$1,512       | \$0           | \$0          |
| Program Support                                   | \$900         | \$0           | \$0          |
| Weatherization Assistance                         | \$12,367      | \$0           | \$0          |
| State Energy Program Grants                       | \$1,919       | \$0           | \$0          |
| International Renewable Energy Program            | \$300         | \$0<br>\$0    | \$0          |
|   | -             | •             | -            |
| Total Energy Efficiency and Renewable Energy      | \$55,917      | \$0           | \$0          |
| Research & Development                            | 400           | 00            | Φ.           |
| Nuclear Power 2010                                | \$23          | \$0           | \$0          |
| Nuclear Hydrogen Initiative                       | \$1,865       | \$0           | \$0          |
| Advanced Fuel Cycle Initiative                    | \$16,400      | \$0           | \$0          |
| Generation IV Nuclear Energy Systems Initiative   | \$1,337       | \$0           | \$0          |
| Total Research & Development                      | \$19,625      | \$0           | \$0          |
| Environment, Safety and Health                    |               |               |              |
| Environment, Safety and Health                    | \$537         | \$0           | \$0          |
| Total Environment, Safety and Health              | \$537         | \$0           | \$0          |
| Total Energy Supply and Conservation              | \$76,079      | \$0           | \$0          |
| Non-Defense Environmental Cleanup                 |               |               |              |
| Small Sites                                       |               |               |              |
| Small Sites                                       | \$10,726      | \$433         | \$459        |
| Total Small Sites                                 | \$10,726      | \$433         | \$459        |
|   |               | <u> </u>      |              |
| Total Non-Defense Environmental Cleanup           | \$10,726      | \$433         | \$459        |
| Electricity Delivery and Energy Reliability       |               |               |              |
| Electricity Delivery and Energy Reliability       |               |               |              |
| Research and Development                          | \$0           | \$10,430      | \$2,500      |
| Operations and Analysis                           | \$0           | \$2,735       | \$1,862      |
| Program Direction                                 | \$0           | \$704         | \$397        |
| Total Electricity Delivery and Energy Reliability | \$0           | \$13,869      | \$4,759      |
| Total Electricity Delivery and Energy Reliability | \$0           | \$13,869      | \$4,759      |
| Nuclear Energy                                    | 40            | + . 0,000     | Ψ .,. σσ     |
|   |               |               |              |
| Research & Development                            | φo            | <b></b>       | <b>ተ</b> ፖርር |
| Nuclear Hydrogen Initiative                       | \$0           | \$650         | \$700        |
| Generation IV Nuclear Energy System Initiative    | \$0           | \$2,740       | \$1,900      |

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#### State Table

(Dollars In Thousands)

| linois  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request    |
|---|--------------------------|--------------------------|-----------------------|
| Advanced Fuel Cycle Initiative  | \$0                      | \$0                      | \$47,860              |
| Total Research & Development  | \$0                      | \$3,390                  | \$50,460              |
| Fuel Cycle Research and Facilities Advanced Fuel Cycle Initiative   | \$0                      | \$19,505                 | \$0                   |
| Total Fuel Cycle Research and Facilities  | \$0                      | \$19,505                 | \$0                   |
| Total Nuclear Energy  | \$0                      | \$22,895                 | \$50,460              |
| Energy Efficiency and Renewable Energy<br>Energy Efficiency and Renewable Energy<br>Biomass and Biorefinery Systems R&D | \$0                      | \$500                    | \$2,000               |
| Hydrogen Technology   | \$0<br>\$0               | \$10,760                 | \$2,000               |
| Vehicle Technologies  | \$0                      | \$24,992                 | \$16,011              |
| Industrial Technologies   | \$0                      | \$1,740                  | \$73                  |
| Progam Support  | \$0                      | \$251                    | \$900                 |
| Weatherization Assistance   | \$0                      | \$13,785                 | \$0                   |
| State Energy Program Grants   | \$0                      | \$1,435                  | \$1,100               |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$53,463                 | \$29,634              |
| Total Energy Efficiency and Renewable Energy Science High Energy Physics High Energy Physics                            | \$0<br>\$362,514         | \$53,463<br>\$345,775    | \$29,634<br>\$406,335 |
| Total High Energy Physics   | \$362,514                | \$345,775                | \$406,335             |
| Nuclear Physics Nuclear Physics   | \$26,591                 | \$35,003                 | \$37,899              |
| Total Nuclear Physics   | \$26,591                 | \$35,003                 | \$37,899              |
| Biological and Environmental Research Biological and Environmental Research   | \$31,822                 | \$38,349                 | \$29,764              |
| Total Biological and Environmental Research   | \$31,822                 | \$38,349                 | \$29,764              |
| Basic Energy Sciences Basic Energy Sciences   | \$203,466                | \$187,012                | \$194,560             |
| Total Basic Energy Sciences   | \$203,466                | \$187,012                | \$194,560             |
| Fusion Energy Sciences Program Fusion Energy Sciences Program   | \$1,256                  | \$772                    | \$269                 |
| Total Fusion Energy Sciences Program  | \$1,256                  | \$772                    | \$269                 |
| Science Laboratories Infrastructure Science Laboratories Infrastructure   | \$4,782                  | \$389                    | \$1,385               |
| Total Science Laboratories Infrastructure   | \$4,782                  | \$389                    | \$1,385               |
| Advanced Scientific Computing Research Advanced Scientific Computing Research   | \$32,812                 | \$37,229                 | \$43,601              |

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#### State Table

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| nois  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Advanced Scientific Computing Research  | \$32,812                 | \$37,229                 | \$43,601           |
| Program Direction Program Direction   | \$35,628                 | \$39,325                 | \$45,004           |
| Total Program Direction   | \$35,628                 | \$39,325                 | \$45,004           |
| Small Business Innovative Research Small Business Innovative Research                               | \$126,255                | \$0                      | \$0                |
| Total Small Business Innovative Research  | \$126,255                | \$0                      | \$0                |
| Safeguards and Security Safeguards and Security   | \$11,771                 | \$11,813                 | \$11,904           |
| Total Safeguards and Security   | \$11,771                 | \$11,813                 | \$11,904           |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists | \$1,515                  | \$475                    | \$2,442            |
| Total Workforce Development for Teachers and Scientists   | \$1,515                  | \$475                    | \$2,442            |
| Total Science   | \$838,412                | \$696,142                | \$773,163          |
| Weapons Activities Directed Stockpile Work Directed Stockpile Work                                  | \$951                    | \$0                      | \$0                |
| Total Directed Stockpile Work   | \$951                    | \$0                      | \$0                |
| Advanced Simulation & Computing Campaign Advanced Simulation & Computing Campaign                   | \$4,204                  | \$5,015                  | \$0                |
| Total Advanced Simulation & Computing Campaign  | \$4,204                  | \$5,015                  | \$0                |
| Readiness Campaign Readiness Campaign   | \$29,509                 | \$29,653                 | \$36,122           |
| Total Readiness Campaign  | \$29,509                 | \$29,653                 | \$36,122           |
| Readiness in Technical Base and Facilities<br>Readiness in Technical Base and Facilities            | \$1,005                  | \$760                    | \$0                |
| Total Readiness in Technical Base and Facilities  | \$1,005                  | \$760                    | \$0                |
| Nuclear Weapons Incident Response Nuclear Weapons Incident Response                                 | \$1,897                  | \$2,274                  | \$2,388            |
| Total Nuclear Weapons Incident Response   | \$1,897                  | \$2,274                  | \$2,388            |
| Total Weapons Activities  | \$37,566                 | \$37,702                 | \$38,510           |
| Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health            | \$100                    | \$0                      | \$0                |
| Total Environment, Safety, and Health   | \$100                    | \$0                      | \$0                |
| Security and Safety Performance Assurance Program Direction Nuclear Safeguards and Security         | \$5,793<br>\$1,474       | \$0<br>\$0               | \$0<br>\$0         |

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#### State Table

(Dollars In Thousands)

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| nois   | FY 2007<br>Appropriation      | FY 2008<br>Appropriation     | FY 2009<br>Reques            |
|--|-------------------------------|------------------------------|------------------------------|
| Security Investigations  | \$1,925                       | \$0                          | <br>\$0                      |
| Total Security and Safety Performance Assurance  | \$9,192                       | \$0                          | \$(                          |
| Health Safety and Security Health Safety and Security (All other)  | \$0                           | \$2,605                      | \$2,357                      |
| Total Health Safety and Security   | \$0                           | \$2,605                      | \$2,35                       |
| Total Other Defense Activities   | \$9,292                       | \$2,605                      | \$2,357                      |
| Defense Nuclear Nonproliferation  Nonproliferation and International Security  Nonproliferation and International Security   | \$7,082                       | \$8,241                      | \$7,717                      |
| Total Nonproliferation and International Security  | \$7,082                       | \$8,241                      | \$7,71°                      |
| Non Proliferation Programs with Russia International Nuclear Materials Protection & Cooperatio Fissile Materials Disposition | \$692<br>\$250                | \$695<br>\$0                 | \$692<br>\$0                 |
| Total Non Proliferation Programs with Russia   | \$942                         | \$695                        | \$692                        |
| Global Threat Reduction Initiative Global Threat Reduction Initiative  | \$14,502                      | \$18,852                     | \$21,000                     |
| Total Global Threat Reduction Initiative   | \$14,502                      | \$18,852                     | \$21,000                     |
| Total Defense Nuclear Nonproliferation  Departmental Administration  | \$22,526                      | \$27,788                     | \$29,409                     |
| Cost of Work for Others Cost of Work for Others  | \$5,060                       | \$12,063                     | \$6,762                      |
| Total Cost of Work for Others  | \$5,060                       | \$12,063                     | \$6,762                      |
| Total Departmental Administration  | \$5,060                       | \$12,063                     | \$6,762                      |
| Office of the Inspector General Office of the Inspector General  |                               |                              |                              |
| Office of the Inspector General  | \$1,112                       | \$1,243                      | \$1,06                       |
| Total Office of the Inspector General  | \$1,112                       | \$1,243                      | \$1,065                      |
| Total Office of the Inspector General  | \$1,112                       | \$1,243                      | \$1,065                      |
| Fossil Energy Research and Development<br>Fuels and Other Power Systems  | • • • • •                     | •                            |                              |
| Fuel Cells Carbon Sequestration Fuels  | \$1,100<br>\$6,313<br>\$1,225 | \$1,100<br>\$11,460<br>\$937 | \$1,200<br>\$10,827<br>\$850 |
| Advanced Research Innovations for Existing Plants  | \$735<br>\$80                 | \$780<br>\$0                 | \$580<br>\$0                 |
| Advanced Integrated Gasification Combined Cycle<br>Advanced Turbines   | \$687<br>\$203                | \$559<br>\$0                 | \$400<br>\$0                 |
| Total Fuels and Other Power Systems  | \$10,343                      | \$14,836                     | \$13,857                     |

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#### State Table

(Dollars In Thousands)

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| nois  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Natural Gas Technologies  | 40                       | <b>0.450</b>             | 0.0               |
| Natural Gas Technologies  | \$0                      | \$150                    | \$0               |
| Total Natural Gas Technologies                                      | \$0                      | \$150                    | \$0               |
| Petroleum - Oil Technologies Oil Technology                         | \$356                    | \$0                      | \$0               |
| Total Petroleum - Oil Technologies                                  | \$356                    | \$0                      | \$0               |
| Congressionally Directed Projects Congressionally Directed Projects | \$0                      | \$1,435                  | \$0               |
| Total Congressionally Directed Projects                             | \$0                      | \$1,435                  | \$0               |
| Total Fossil Energy Research and Development                        | \$10,699                 | \$16,421                 | \$13,857          |
| Nuclear Waste Fund  |                          |                          |                   |
| Nuclear Waste Disposal  |                          |                          |                   |
| Repository Program  | \$0                      | \$0                      | \$700             |
| Prog. Mgmt. & Int (S & T)   | \$0                      | \$398                    | \$500             |
| Total Nuclear Waste Disposal  | \$0                      | \$398                    | \$1,200           |
| Total Nuclear Waste Fund  | \$0                      | \$398                    | \$1,200           |
| Defense Nuclear Waste Disposal                                      |                          |                          |                   |
| Defense Nuclear Waste Disposal                                      |                          |                          |                   |
| Defense Nuclear Waste Disposal                                      | \$1,300                  | \$1,302                  | \$600             |
| Prog. mgmt & Int (Non S & T)  | \$350                    | \$0                      | \$0               |
| Total Defense Nuclear Waste Disposal                                | \$1,650                  | \$1,302                  | \$600             |
| Total Defense Nuclear Waste Disposal                                | \$1,650                  | \$1,302                  | \$600             |
| Defense Environmental Cleanup                                       |                          |                          |                   |
| Program Direction   |                          |                          |                   |
| Program Direction   | \$2,352                  | \$0                      | \$0               |
| Total Program Direction   | \$2,352                  | \$0                      | \$0               |
| Total Defense Environmental Cleanup                                 | \$2,352                  | \$0                      | \$0               |
| Energy Information Administration                                   |                          |                          |                   |
| Energy Information Administration                                   |                          |                          |                   |
| National Energy Information System                                  | \$2,372                  | \$2,500                  | \$3,100           |
| Total Energy Information Administration                             | \$2,372                  | \$2,500                  | \$3,100           |
| Total Energy Information Administration                             | \$2,372                  | \$2,500                  | \$3,100           |
| tal Illinois  | \$1,017,846              | \$888,824                | \$955,335         |
|   |                          |                          |                   |

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#### State Table

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| liana  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation               | • • •                    |                          | •                  |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$5,853                  | \$0                      | \$0                |
| State Energy Program Grants                  | \$1,149                  | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy | \$7,002                  | \$0                      | \$0                |
| Total Energy Supply and Conservation         | \$7,002                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$0                      | \$6,521                  | \$0                |
| State Energy Program Grants                  | \$0                      | \$823                    | \$597              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$7,344                  | \$597              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$7,344                  | \$597              |
| Science                                      |                          |                          |                    |
| High Energy Physics                          | <b>4</b>                 |                          | <b>.</b>           |
| High Energy Physics                          | \$3,709                  | \$3,713                  | \$3,545            |
| Total High Energy Physics                    | \$3,709                  | \$3,713                  | \$3,545            |
| Nuclear Physics                              |                          | •                        |                    |
| Nuclear Physics                              | \$1,867                  | \$1,618                  | \$1,520            |
| Total Nuclear Physics                        | \$1,867                  | \$1,618                  | \$1,520            |
| Biological and Environmental Research        |                          |                          |                    |
| Biological and Environmental Research        | \$1,677                  | \$1,496                  | \$1,244            |
| Total Biological and Environmental Research  | \$1,677                  | \$1,496                  | \$1,244            |
| Basic Energy Sciences                        |                          |                          |                    |
| Basic Energy Sciences                        | \$7,676                  | \$8,352                  | \$7,609            |
| Total Basic Energy Sciences                  | \$7,676                  | \$8,352                  | \$7,609            |
| Fusion Energy Sciences Program               | <b>.</b>                 | •                        |                    |
| Fusion Energy Sciences Program               | \$55                     | \$544                    | \$1,004            |
| Total Fusion Energy Sciences Program         | \$55                     | \$544                    | \$1,004            |
| Advanced Scientific Computing Research       | <b>^</b>                 |                          |                    |
| Advanced Scientific Computing Research       | \$450                    | \$664                    | \$650              |
| Total Advanced Scientific Computing Research | \$450                    | \$664                    | \$650              |
| Total Science                                | \$15,434                 | \$16,387                 | \$15,572           |
| Fossil Energy Research and Development       |                          |                          |                    |
| Fuels and Other Power Systems                | <b>^</b>                 | <b>^</b>                 | <b>^</b>           |
| Carbon Sequestration                         | \$557                    | \$777                    | \$878              |
| Total Fuels and Other Power Systems          | \$557                    | \$777                    | \$878              |
| Total Fossil Energy Research and Development | \$557                    | \$777                    | \$878              |

State Table (Dollars In Thousands)

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| Indiana       | FY 2007       | FY 2008       | FY 2009  |
|---------------|---------------|---------------|----------|
|               | Appropriation | Appropriation | Request  |
| Total Indiana | \$22,993      | \$24,508      | \$17,047 |

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#### State Table

| a  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation               |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$4,459                  | \$0                      | \$0                |
| State Energy Program Grants                  | \$676                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy | \$5,135                  | \$0                      | \$0                |
| Total Energy Supply and Conservation         | \$5,135                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$0                      | \$4,966                  | \$0                |
| State Energy Program Grants                  | \$0                      | \$485                    | \$353              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$5,451                  | \$353              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$5,451                  | \$353              |
| Science                                      |                          |                          |                    |
| High Energy Physics                          |                          |                          |                    |
| High Energy Physics                          | \$1,881                  | \$1,695                  | \$1,650            |
| Total High Energy Physics                    | \$1,881                  | \$1,695                  | \$1,650            |
| Nuclear Physics                              |                          |                          |                    |
| Nuclear Physics                              | \$1,016                  | \$875                    | \$886              |
| Total Nuclear Physics                        | \$1,016                  | \$875                    | \$886              |
| Biological and Environmental Research        |                          |                          |                    |
| Biological and Environmental Research        | \$525                    | \$364                    | \$213              |
| Total Biological and Environmental Research  | \$525                    | \$364                    | \$213              |
| Basic Energy Sciences                        |                          |                          |                    |
| Basic Energy Sciences                        | \$20,527                 | \$19,067                 | \$21,133           |
| Total Basic Energy Sciences                  | \$20,527                 | \$19,067                 | \$21,133           |
| Fusion Energy Sciences Program               |                          |                          |                    |
| Fusion Energy Sciences Program               | \$831                    | \$845                    | \$850              |
| Total Fusion Energy Sciences Program         | \$831                    | \$845                    | \$850              |
| Advanced Scientific Computing Research       |                          |                          |                    |
| Advanced Scientific Computing Research       | \$6,027                  | \$6,809                  | \$7,310            |
| Total Advanced Scientific Computing Research | \$6,027                  | \$6,809                  | \$7,310            |
| Program Direction                            |                          | •                        | <b>.</b>           |
| Program Direction                            | \$442                    | \$555                    | \$576              |
| Total Program Direction                      | \$442                    | \$555                    | \$576              |
| Safeguards and Security                      |                          |                          |                    |
| Safeguards and Security                      | \$946                    | \$944                    | \$974              |
| Total Safeguards and Security                | \$946                    | \$944                    | \$974              |

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#### State Table

(Dollars In Thousands)

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| wa  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Workforce Development for Teachers and Scientists   | \$237                    | \$100                    | \$446              |
| Total Workforce Development for Teachers and Scientists   | \$237                    | \$100                    | \$446              |
| Total Science   | \$32,432                 | \$31,254                 | \$34,038           |
| Defense Nuclear Nonproliferation  Nonproliferation and Verification R&D  Nonproliferation and Verification R&D                  | \$357                    | \$488                    | \$353              |
| Total Nonproliferation and Verification R&D   | \$357<br>\$357           | \$488                    | \$353<br>\$353     |
| Total Defense Nuclear Nonproliferation  | \$357                    | \$488                    | \$353              |
| Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance                 | \$12,719                 | \$15,068                 | \$16,872           |
| Total Systems Operation and Maintenance   | \$12,719                 | \$15,068                 | \$16,872           |
| Program Direction Program Direction   | \$1,627                  | \$1,673                  | \$1,682            |
| Total Program Direction   | \$1,627                  | \$1,673                  | \$1,682            |
| Total Western Area Power Admin. Const.,Rehab.,O&M   | \$14,346                 | \$16,741                 | \$18,554           |
| Colorado River Basins Power Marketing Fund<br>Equipment, Contracts and Other Related Expenses<br>Colorado River Storage Project | \$2,070                  | \$1,291                  | \$2,026            |
| Total Equipment, Contracts and Other Related Expenses   | \$2,070                  | \$1,291                  | \$2,026            |
| Total Colorado River Basins Power Marketing Fund  | \$2,070                  | \$1,291                  | \$2,026            |
| Fossil Energy Research and Development Fuels and Other Power Systems  |                          |                          |                    |
| Fuels   | \$454                    | \$981                    | \$0                |
| Advanced Research   | \$942                    | \$1,075                  | \$1,105            |
| Advanced Turbines   | \$180                    | \$200                    | \$200              |
| Total Fuels and Other Power Systems   | \$1,576                  | \$2,256                  | \$1,305            |
| Total Fossil Energy Research and Development  | \$1,576                  | \$2,256                  | \$1,305            |
| otal Iowa   | \$55,916                 | \$57,481                 | \$56,629           |

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#### State Table

| Total Energy Supply and Conservation   \$2,880   | ansas  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--|--------------------------|--------------------------|--------------------|
| Weatherization Assistance         \$2,264         \$0         \$0           State Energy Program Grants         \$616         \$0         \$0           Total Energy Efficiency and Renewable Energy         \$2,880         \$0         \$0           Total Energy Supply and Conservation         \$2,880         \$0         \$0           Energy Efficiency and Renewable Energy         \$0         \$2,519         \$0           Weatherization Assistance         \$0         \$2,519         \$0           State Energy Program Grants         \$0         \$434         \$308           Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Science         High Energy Physics         \$2,953         \$308           Science         High Energy Physics         \$822         \$812         \$791           Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Science         High Energy Physics         \$822         \$812         \$791           Total Energy Physics         \$822         \$812         \$791           Nuclear Physics         \$283         \$148         \$148   | <del>-</del>                                 |                          |                          |                    |
| State Energy Program Grants         \$616         \$0         \$0           Total Energy Efficiency and Renewable Energy         \$2,880         \$0         \$0           Total Energy Efficiency and Renewable Energy         \$2,880         \$0         \$0           Energy Efficiency and Renewable Energy         \$0         \$2,519         \$0           Weatherization Assistance         \$0         \$2,519         \$0           State Energy Program Grants         \$0         \$434         \$308           Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Science         High Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Science         High Energy Physics         \$822         \$812         \$791           High Energy Physics         \$822         \$812         \$791           Total High Energy Physics         \$822         \$812         \$791           Nuclear Physics         \$822         \$812         \$791           Nuclear Physics         \$283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         \$228         \$244         \$225 <th< th=""><th></th><th>Φο οο ι</th><th>Φ0</th><th>Φ0</th></th<>   |  | Φο οο ι                  | Φ0                       | Φ0                 |
| Total Energy Efficiency and Renewable Energy         \$2,880         \$0         \$0           Total Energy Supply and Conservation         \$2,880         \$0         \$0           Energy Efficiency and Renewable Energy         \$0         \$2,519         \$0           Energy Efficiency and Renewable Energy         \$0         \$2,519         \$0           State Energy Program Grants         \$0         \$434         \$308           Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Science         High Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Science         High Energy Physics         \$822         \$812         \$791           Total Physics         \$822         \$812         \$791           Nuclear Physics         \$822         \$812         \$791           Nuclear Physics         \$8283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,300 <td></td> <td></td> <td>•</td> <td></td>   |  |                          | •                        |                    |
| Total Energy Supply and Conservation         \$2,880         \$0         \$0           Energy Efficiency and Renewable Energy         Energy Efficiency and Renewable Energy         \$0         \$2,519         \$0           State Energy Program Grants         \$0         \$434         \$308           Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Science         High Energy Physics         \$822         \$812         \$791           Fotal High Energy Physics         \$822         \$812         \$791           Nuclear Physics         \$822         \$812         \$791           Nuclear Physics         \$283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,30           Fusion Energy Sciences         \$3,331         \$3,304         \$3,80           Total Basic Energy Sciences Program         \$45         \$45  |  | \$616                    | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy   | Total Energy Efficiency and Renewable Energy | \$2,880                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy   Weatherization Assistance   \$0 \$2,519 \$300 \$344 \$308 \$100 \$141 | Total Energy Supply and Conservation         | \$2,880                  | \$0                      | \$0                |
| State Energy Program Grants         \$0         \$434         \$308           Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Science         High Energy Physics         \$822         \$812         \$791           High Energy Physics         \$822         \$812         \$791           Total High Energy Physics         \$822         \$812         \$791           Nuclear Physics         \$823         \$148         \$148           Nuclear Physics         \$283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709<   | Energy Efficiency and Renewable Energy       | \$0                      | \$2.519                  | \$0                |
| Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Total Energy Efficiency and Renewable Energy         \$0         \$2,953         \$308           Science         High Energy Physics         \$822         \$812         \$791           High Energy Physics         \$822         \$812         \$791           Total High Energy Physics         \$822         \$812         \$791           Nuclear Physics         \$283         \$148         \$148           Nuclear Physics         \$283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         \$283         \$148         \$148           Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fus   | State Energy Program Grants                  | -                        |                          | \$308              |
| Science           High Energy Physics         \$822         \$812         \$791           Total High Energy Physics         \$822         \$812         \$791           Nuclear Physics         \$8283         \$148         \$148           Nuclear Physics         \$283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         \$283         \$144         \$225           Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           <  |  | \$0                      | \$2,953                  | \$308              |
| Science           High Energy Physics         \$822         \$812         \$791           Total High Energy Physics         \$822         \$812         \$791           Nuclear Physics         \$823         \$148         \$148           Nuclear Physics         \$283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         \$228         \$244         \$225           Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382 <t< td=""><td>Total Energy Efficiency and Renewable Energy</td><td>\$0</td><td>\$2,953</td><td>\$308</td></t<>  | Total Energy Efficiency and Renewable Energy | \$0                      | \$2,953                  | \$308              |
| High Energy Physics         \$822         \$812         \$791           Total High Energy Physics         \$822         \$812         \$791           Nuclear Physics         \$283         \$148         \$148           Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         \$283         \$148         \$148           Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382  |  |                          |                          |                    |
| High Energy Physics         \$822         \$812         \$791           Total High Energy Physics         \$822         \$812         \$791           Nuclear Physics         \$283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research             Biological and Environmental Research             Biological and Environmental Research             Basic Energy Sciences             Sasic Energy Sciences             Sasic Energy Sciences             Fusion Energy Sciences Program             Fusion Energy Sciences Program             Fusion Energy Sciences Program             S45             Total Fusion Energy Sciences Program             S45             S45  |  |                          |                          |                    |
| Nuclear Physics         \$283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program \$45         \$45         \$45           Total Fusion Energy Sciences Program Fusion Energy Research and Development Fuels and Other Power Systems Carbon Sequestration Sabate States Carbon Sequestration \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382   |  | \$822                    | \$812                    | \$791              |
| Nuclear Physics         \$283         \$148         \$148           Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         \$283         \$244         \$225           Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382  | Total High Energy Physics                    | \$822                    | \$812                    | \$791              |
| Total Nuclear Physics         \$283         \$148         \$148           Biological and Environmental Research         Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Fusion Energy Sciences Program         \$45         \$45         \$45           Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$47,709         \$4,553         \$4,569           Fossil Energy Research and Development         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382   | Nuclear Physics                              |                          |                          |                    |
| Biological and Environmental Research Biological and Environmental Research Siblogical and Environmental Research Biological and Environmental Research  Biological and Environmental Research  Biological and Environmental Research  Siblogical and Siblogical and Environmental Research  Siblogical and Siblogical and Siblogical Association  Siblogical and Siblogical Association  Siblogical and Siblogical and Siblogical Association  Siblogical and Siblogical Association  Siblogical and Siblogical Association  Siblogical and Siblogical and Siblogical Association  Siblogical and Siblogical Associa   | Nuclear Physics                              | \$283                    | \$148                    | \$148              |
| Biological and Environmental Research         \$228         \$244         \$225           Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development Fuels and Other Power Systems   | Total Nuclear Physics                        | \$283                    | \$148                    | \$148              |
| Total Biological and Environmental Research         \$228         \$244         \$225           Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Fusion Energy Sciences Program         \$45         \$45         \$45           Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382  | •  | 4000                     | 0044                     |                    |
| Basic Energy Sciences       \$3,331       \$3,304       \$3,360         Total Basic Energy Sciences       \$3,331       \$3,304       \$3,360         Fusion Energy Sciences Program       \$45       \$45       \$45         Fusion Energy Sciences Program       \$45       \$45       \$45         Total Fusion Energy Sciences Program       \$45       \$45       \$45         Total Science       \$4,709       \$4,553       \$4,569         Fossil Energy Research and Development Fuels and Other Power Systems       \$382       \$420       \$382         Total Fuels and Other Power Systems       \$382       \$420       \$382         Total Fossil Energy Research and Development       \$382       \$420       \$382  |  | \$228                    | \$244                    | \$225              |
| Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development Fuels and Other Power Systems         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382  | Total Biological and Environmental Research  | \$228                    | \$244                    | \$225              |
| Total Basic Energy Sciences         \$3,331         \$3,304         \$3,360           Fusion Energy Sciences Program         \$45         \$45         \$45           Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development         Fuels and Other Power Systems         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382  |  |                          |                          |                    |
| Fusion Energy Sciences Program       \$45       \$45       \$45         Total Fusion Energy Sciences Program       \$45       \$45       \$45         Total Science       \$4,709       \$4,553       \$4,569         Fossil Energy Research and Development Fuels and Other Power Systems   | Basic Energy Sciences                        | \$3,331                  | \$3,304                  | \$3,360            |
| Fusion Energy Sciences Program         \$45         \$45         \$45           Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development Fuels and Other Power Systems         \$382         \$420         \$382           Carbon Sequestration         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382   | Total Basic Energy Sciences                  | \$3,331                  | \$3,304                  | \$3,360            |
| Total Fusion Energy Sciences Program         \$45         \$45         \$45           Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development Fuels and Other Power Systems         \$382         \$420         \$382           Carbon Sequestration         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382   |  |                          |                          |                    |
| Total Science         \$4,709         \$4,553         \$4,569           Fossil Energy Research and Development Fuels and Other Power Systems   | Fusion Energy Sciences Program               | \$45                     | \$45                     | \$45               |
| Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration \$382 \$420 \$382  Total Fuels and Other Power Systems \$382 \$420 \$382  Total Fossil Energy Research and Development \$382 \$420 \$382   | Total Fusion Energy Sciences Program         | \$45                     | \$45                     | \$45               |
| Fuels and Other Power Systems         \$382         \$420         \$382           Carbon Sequestration         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382  | Total Science                                | \$4,709                  | \$4,553                  | \$4,569            |
| Fuels and Other Power Systems         \$382         \$420         \$382           Carbon Sequestration         \$382         \$420         \$382           Total Fuels and Other Power Systems         \$382         \$420         \$382           Total Fossil Energy Research and Development         \$382         \$420         \$382  | Fossil Energy Research and Development       |                          |                          |                    |
| Total Fuels and Other Power Systems \$382 \$420 \$382  Total Fossil Energy Research and Development \$382 \$420 \$382  |  |                          |                          |                    |
| Total Fossil Energy Research and Development \$382 \$420 \$382   | Carbon Sequestration                         | \$382                    | \$420                    | \$382              |
|  | Total Fuels and Other Power Systems          | \$382                    | \$420                    | \$382              |
| tal Kansas \$7,971 \$7,926 \$5.259   | Total Fossil Energy Research and Development | \$382                    | \$420                    | \$382              |
|  | tal Kansas                                   | \$7,971                  | \$7,926                  | \$5,259            |

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#### State Table

(Dollars In Thousands)

| ntucky  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                | • • •                    |                          | ·                  |
| Energy Efficiency and Renewable Energy        |                          |                          |                    |
| Weatherization Assistance                     | \$4,040                  | \$0                      | \$0                |
| State Energy Program Grants                   | \$802                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy  | \$4,842                  | \$0                      | \$0                |
| Office of Legacy Management                   |                          |                          |                    |
| Office of Legacy Management                   | \$4,079                  | \$0                      | \$0                |
| Total Office of Legacy Management             | \$4,079                  | \$0                      | \$0                |
| Total Energy Supply and Conservation          | \$8,921                  | \$0                      | \$0                |
| Non-Defense Environmental Cleanup             |                          |                          |                    |
| Gaseous Diffusion Plants                      |                          |                          |                    |
| Gaseous Diffusion Plants                      | \$48,013                 | \$17,208                 | \$38,959           |
| Total Gaseous Diffusion Plants                | \$48,013                 | \$17,208                 | \$38,959           |
| Total Non-Defense Environmental Cleanup       | \$48,013                 | \$17,208                 | \$38,959           |
| Legacy Management                             |                          |                          |                    |
| Legacy Management                             |                          |                          |                    |
| Legacy Management                             | \$0                      | \$3,403                  | \$0                |
| Total Legacy Management                       | \$0                      | \$3,403                  | \$0                |
| Total Legacy Management                       | \$0                      | \$3,403                  | \$0                |
| Energy Efficiency and Renewable Energy        |                          |                          |                    |
| Energy Efficiency and Renewable Energy        |                          |                          |                    |
| Weatherization Assistance                     | \$0                      | \$4,499                  | \$0                |
| State Energy Program Grants                   | \$0                      | \$556                    | \$385              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$5,055                  | \$385              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$5,055                  | \$385              |
| Uranium Enrichment Decon. & Decom. Fund       |                          |                          |                    |
| Uranium Enrichment D&D Fund                   |                          |                          |                    |
| Uranium Enrichment D&D Fund                   | \$96,575                 | \$115,614                | \$95,879           |
| Total Uranium Enrichment D&D Fund             | \$96,575                 | \$115,614                | \$95,879           |
| Total Uranium Enrichment Decon. & Decom. Fund | \$96,575                 | \$115,614                | \$95,879           |
| Science                                       |                          |                          |                    |
| High Energy Physics                           |                          |                          |                    |
| High Energy Physics                           | \$100                    | \$112                    | \$100              |
| Total High Energy Physics                     | \$100                    | \$112                    | \$100              |
| Nuclear Physics                               | _                        | _                        |                    |
| Nuclear Physics                               | \$418                    | \$409                    | \$379              |
| Total Nuclear Physics                         | \$418                    | \$409                    | \$379              |
|   |                          |                          |                    |

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## State Table

(Dollars

| ite Table     | Page 55 of 146 |
|---------------|----------------|
| In Thousands) |                |

| entucky  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Basic Energy Sciences  | \$706                    | \$801                    | \$713              |
| Basic Energy Sciences  Total Basic Energy Sciences   | \$706<br>\$706           | \$801                    | \$713<br>\$713     |
| Total Science  | <u> </u>                 | ·                        | <u> </u>           |
|  | \$1,224                  | \$1,322                  | \$1,192            |
| Weapons Activities Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities   | \$1,987                  | \$4,010                  | \$0                |
| Total Readiness in Technical Base and Facilities   | \$1,987                  | \$4,010                  | \$0                |
| Total Weapons Activities   | \$1,987                  | \$4,010                  | \$0                |
| Other Defense Activities Office of Legacy Management   | Φ0                       | 40                       | ФО 100             |
| Office of Legacy Management  | \$0                      | \$0                      | \$2,436            |
| Total Office of Legacy Management  | \$0                      | \$0                      | \$2,436            |
| Total Other Defense Activities   | \$0                      | \$0                      | \$2,436            |
| Fossil Energy Research and Development Fuels and Other Power Systems Fuels Innovations for Existing Plants | \$610<br>\$15            | \$750<br>\$0             | \$500<br>\$0       |
| Total Fuels and Other Power Systems  | \$625                    | \$750                    | \$500              |
| Congressionally Directed Projects  Congressionally Directed Projects                                       | \$0                      | \$1,388                  | \$000              |
| Total Congressionally Directed Projects  | \$0                      | \$1,388                  | \$0                |
| Total Fossil Energy Research and Development  Defense Environmental Cleanup  Program Direction             | \$625                    | \$2,138                  | \$500              |
| Program Direction  | \$8,632                  | \$9,309                  | \$10,399           |
| Total Program Direction  | \$8,632                  | \$9,309                  | \$10,399           |
| Safeguards and Security Safeguards and Security  | \$11,707                 | \$0                      | \$8,196            |
| Total Safeguards and Security  | \$11,707                 | \$0                      | \$8,196            |
| Total Defense Environmental Cleanup  | \$20,339                 | \$9,309                  | \$18,595           |
| tal Kentucky   | \$177,684                | \$158,059                | \$157,946          |

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#### State Table

| uisiana                                      | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|--|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation               |                          |                          | -                 |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$1,551                  | \$0                      | \$0               |
| State Energy Program Grants                  | \$975                    | \$0                      | \$0               |
| Total Energy Efficiency and Renewable Energy | \$2,526                  | \$0                      | \$0               |
| Total Energy Supply and Conservation         | \$2,526                  | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$0                      | \$1,723                  | \$0               |
| State Energy Program Grants                  | \$0                      | \$642                    | \$412             |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$2,365                  | \$412             |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$2,365                  | \$412             |
| Science                                      |                          |                          |                   |
| High Energy Physics                          |                          |                          |                   |
| High Energy Physics                          | \$853                    | \$631                    | \$840             |
| Total High Energy Physics                    | \$853                    | \$631                    | \$840             |
| Nuclear Physics                              |                          |                          |                   |
| Nuclear Physics                              | \$145                    | \$180                    | \$180             |
| Total Nuclear Physics                        | \$145                    | \$180                    | \$180             |
| Biological and Environmental Research        |                          |                          |                   |
| Biological and Environmental Research        | \$1,792                  | \$1,482                  | \$190             |
| Total Biological and Environmental Research  | \$1,792                  | \$1,482                  | \$190             |
| Basic Energy Sciences                        |                          |                          |                   |
| Basic Energy Sciences                        | \$1,221                  | \$1,113                  | \$1,314           |
| Total Basic Energy Sciences                  | \$1,221                  | \$1,113                  | \$1,314           |
| Advanced Scientific Computing Research       |                          |                          |                   |
| Advanced Scientific Computing Research       | \$298                    | \$200                    | \$98              |
| Total Advanced Scientific Computing Research | \$298                    | \$200                    | \$98              |
| Total Science                                | \$4,309                  | \$3,606                  | \$2,622           |
| Fossil Energy Research and Development       |                          |                          |                   |
| Fuels and Other Power Systems                |                          |                          |                   |
| Fuels  | \$213                    | \$551                    | \$0               |
| Advanced Research                            | \$986                    | \$0                      | \$0               |
| Total Fuels and Other Power Systems          | \$1,199                  | \$551                    | \$0               |
| Congressionally Directed Projects            |                          |                          |                   |
| Congressionally Directed Projects            | \$0                      | \$718                    | \$0               |
| Total Congressionally Directed Projects      | \$0                      | \$718                    | \$0               |
|  |                          |                          |                   |

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#### State Table

| Louisiana   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Fossil Energy Research and Development  | \$1,199                  | \$1,269                  | \$0                |
| Strategic Petroleum Reserve Storage Facilities Development SPR - Facilities Development | \$99,805                 | \$102,095                | \$111,495          |
| Total Storage Facilities Development  | \$99,805                 | \$102,095                | \$111,495          |
| Management for SPR Operations  Management   | \$12,402                 | \$12,876                 | \$13,494           |
| Total Management for SPR Operations   | \$12,402                 | \$12,876                 | \$13,494           |
| Expansion<br>Expansion  | \$0                      | \$0                      | \$70,027           |
| Total Expansion   | \$0                      | \$0                      | \$70,027           |
| Management for SPR Expansion  Management for SPR Expansion                              | \$0                      | \$0                      | \$563              |
| Total Management for SPR Expansion  | \$0                      | \$0                      | \$563              |
| Total Strategic Petroleum Reserve   | \$112,207                | \$114,971                | \$195,579          |
| Total Louisiana   | \$120,241                | \$122,211                | \$198,613          |

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#### State Table

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| Maine   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation Energy Efficiency and Renewable Energy         |                          |                          |                    |
| Weatherization Assistance   | \$2,744                  | \$0                      | \$0                |
| State Energy Program Grants   | \$440                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy                                  | \$3,184                  | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$3,184                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy |                          |                          |                    |
| Weatherization Assistance   | \$0                      | \$3,054                  | \$0                |
| State Energy Program Grants   | \$0                      | \$308                    | \$217              |
| Total Energy Efficiency and Renewable Energy                                  | \$0                      | \$3,362                  | \$217              |
| Total Energy Efficiency and Renewable Energy                                  | \$0                      | \$3,362                  | \$217              |
| Science   |                          |                          |                    |
| Biological and Environmental Research   |                          |                          |                    |
| Biological and Environmental Research   | \$0                      | \$136                    | \$130              |
| Total Biological and Environmental Research                                   | \$0                      | \$136                    | \$130              |
| Basic Energy Sciences   |                          |                          |                    |
| Basic Energy Sciences   | \$470                    | \$670                    | \$650              |
| Total Basic Energy Sciences   | \$470                    | \$670                    | \$650              |
| Total Science   | \$470                    | \$806                    | \$780              |
| Fotal Maine   | \$3,654                  | \$4,168                  | \$997              |

## Department Of Energy

FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| aryland                                      | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|--|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation               |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$2,373                  | \$0                      | \$0               |
| State Energy Program Grants                  | \$878                    | \$0                      | \$0               |
| Total Energy Efficiency and Renewable Energy | \$3,251                  | \$0                      | \$0               |
| Total Energy Supply and Conservation         | \$3,251                  | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$0                      | \$2,640                  | \$0               |
| State Energy Program Grants                  | \$0                      | \$631                    | \$460             |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$3,271                  | \$460             |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$3,271                  | \$460             |
| Science                                      |                          |                          |                   |
| High Energy Physics                          |                          |                          |                   |
| High Energy Physics                          | \$3,710                  | \$3,606                  | \$3,036           |
| Total High Energy Physics                    | \$3,710                  | \$3,606                  | \$3,036           |
| Nuclear Physics                              |                          |                          |                   |
| Nuclear Physics                              | \$1,373                  | \$1,399                  | \$1,262           |
| Total Nuclear Physics                        | \$1,373                  | \$1,399                  | \$1,262           |
| Biological and Environmental Research        |                          |                          |                   |
| Biological and Environmental Research        | \$7,489                  | \$5,886                  | \$5,984           |
| Total Biological and Environmental Research  | \$7,489                  | \$5,886                  | \$5,984           |
| Basic Energy Sciences                        |                          |                          |                   |
| Basic Energy Sciences                        | \$2,733                  | \$2,401                  | \$2,426           |
| Total Basic Energy Sciences                  | \$2,733                  | \$2,401                  | \$2,426           |
| Fusion Energy Sciences Program               |                          |                          |                   |
| Fusion Energy Sciences Program               | \$3,357                  | \$3,634                  | \$3,646           |
| Total Fusion Energy Sciences Program         | \$3,357                  | \$3,634                  | \$3,646           |
| Advanced Scientific Computing Research       | <b>.</b>                 | •                        | <b>4</b>          |
| Advanced Scientific Computing Research       | \$401                    | \$1,510                  | \$1,488           |
| Total Advanced Scientific Computing Research | \$401                    | \$1,510                  | \$1,488           |
| Program Direction                            | Φ0.47                    | Φ0                       | •                 |
| Program Direction                            | \$947                    | \$0                      | \$0               |
| Total Program Direction                      | \$947                    | \$0                      | \$0               |
| Total Science                                | \$20,010                 | \$18,436                 | \$17,842          |
| Other Defense Activities                     |                          |                          |                   |
| Security and Safety Performance Assurance    | _                        | _                        |                   |
| Program Direction                            | \$71,025                 | \$0                      | \$0               |

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## State Table

(Dollars In Thousands)

| aryland   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Security and Safety Performance Assurance                             | \$71,025                 | \$0                      | \$0                |
| Total Other Defense Activities  | \$71,025                 | \$0                      | \$0                |
| Departmental Administration   |                          |                          |                    |
| Chief Financial Officer   | <b>C44.050</b>           | £40.400                  | <b>#47.00</b> 7    |
| Program Direction   | \$14,852                 | \$16,100                 | \$17,287           |
| Total Chief Financial Officer   | \$14,852                 | \$16,100                 | \$17,287           |
| Total Departmental Administration   | \$14,852                 | \$16,100                 | \$17,287           |
| Office of the Inspector General   |                          |                          |                    |
| Office of the Inspector General   | <b>#</b> 40.000          | <b>#</b> 40.000          | <b>040.574</b>     |
| Office of the Inspector General   | \$12,626                 | \$12,369                 | \$16,571           |
| Total Office of the Inspector General                                       | \$12,626                 | \$12,369                 | \$16,571           |
| Total Office of the Inspector General                                       | \$12,626                 | \$12,369                 | \$16,571           |
| Fossil Energy Research and Development                                      |                          |                          |                    |
| Fuels and Other Power Systems   | <b>04.704</b>            | <b>#0.40</b>             | Φ0.44              |
| Advanced Research Advanced Turbines   | \$1,724<br>\$45          | \$342<br>\$335           | \$241              |
| Total Fuels and Other Power Systems   | •                        | \$225                    | \$0                |
| •   | \$1,769                  | \$567                    | \$241              |
| Natural Gas Technologies Natural Gas Technologies                           | \$0                      | \$500                    | \$0                |
| Total Natural Gas Technologies  | \$0                      | \$500                    | \$0                |
| Program Direction   | Ψ                        | φοσσ                     | Ψ                  |
| Headquarters Program Direction  | \$18,599                 | \$19,029                 | \$19,207           |
| Total Program Direction   | \$18,599                 | \$19,029                 | \$19,207           |
| Petroleum - Oil Technologies  |                          |                          |                    |
| Oil Technology  | \$50                     | \$100                    | \$0                |
| Total Petroleum - Oil Technologies  | \$50                     | \$100                    | \$0                |
| Cooperative Research & Revelopment  | Ф.                       | <b>#</b> 00              | 0.0                |
| Cooperative Research & Development  | \$0                      | \$60                     | \$0                |
| Total Cooperative Research & Revelopment                                    | \$0                      | \$60                     | \$0                |
| Total Fossil Energy Research and Development                                | \$20,418                 | \$20,256                 | \$19,448           |
| Energy Information Administration   |                          |                          |                    |
| Energy Information Administration   | ¢10,400                  | ¢40.330                  | <b>#24.40</b> 0    |
| National Energy Information System  Total Energy Information Administration | \$18,490                 | \$19,330                 | \$24,100           |
| Total Energy Information Administration                                     | \$18,490                 | \$19,330                 | \$24,100           |
| Total Energy Information Administration                                     | \$18,490                 | \$19,330                 | \$24,100           |
| al Maryland   | \$160,672                | \$89,762                 | \$95,708           |
|   |                          |                          |                    |

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#### State Table

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| Massachusetts                                | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation               |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$5,851                  | \$0                      | \$0                |
| State Energy Program Grants                  | \$1,041                  | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy | \$6,892                  | \$0                      | \$0                |
| Total Energy Supply and Conservation         | \$6,892                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$0                      | \$6,518                  | \$0                |
| State Energy Program Grants                  | \$0                      | \$774                    | \$589              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$7,292                  | \$589              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$7,292                  | \$589              |
| Science                                      |                          |                          |                    |
| High Energy Physics                          |                          |                          |                    |
| High Energy Physics                          | \$17,685                 | \$16,225                 | \$14,249           |
| Total High Energy Physics                    | \$17,685                 | \$16,225                 | \$14,249           |
| Nuclear Physics                              |                          |                          |                    |
| Nuclear Physics                              | \$10,891                 | \$10,202                 | \$7,757            |
| Total Nuclear Physics                        | \$10,891                 | \$10,202                 | \$7,757            |
| Biological and Environmental Research        |                          |                          |                    |
| Biological and Environmental Research        | \$14,597                 | \$12,792                 | \$9,903            |
| Total Biological and Environmental Research  | \$14,597                 | \$12,792                 | \$9,903            |
| Basic Energy Sciences                        |                          |                          |                    |
| Basic Energy Sciences                        | \$10,862                 | \$7,547                  | \$7,004            |
| Total Basic Energy Sciences                  | \$10,862                 | \$7,547                  | \$7,004            |
| Fusion Energy Sciences Program               |                          |                          | _                  |
| Fusion Energy Sciences Program               | \$24,590                 | \$27,451                 | \$25,655           |
| Total Fusion Energy Sciences Program         | \$24,590                 | \$27,451                 | \$25,655           |
| Advanced Scientific Computing Research       |                          |                          |                    |
| Advanced Scientific Computing Research       | \$612                    | \$435                    | \$339              |
| Total Advanced Scientific Computing Research | \$612                    | \$435                    | \$339              |
| Total Science                                | \$79,237                 | \$74,652                 | \$64,907           |
| Fossil Energy Research and Development       |                          |                          |                    |
| Fuels and Other Power Systems                |                          |                          |                    |
| Carbon Sequestration                         | \$221                    | \$145                    | \$0                |
| Fuels  | \$425                    | \$421                    | \$393              |
| Total Fuels and Other Power Systems          | \$646                    | \$566                    | \$393              |

State Table (Dollars In Thousands)

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| Massachusetts                                | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Fossil Energy Research and Development | \$646                    | \$566                    | \$393              |
| Total Massachusetts                          | \$86,775                 | \$82,510                 | \$65,889           |

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#### State Table

| chigan                                       | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|--|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation               |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$13,564                 | \$0                      | \$0               |
| State Energy Program Grants                  | \$1,616                  | \$0                      | \$0               |
| Total Energy Efficiency and Renewable Energy | \$15,180                 | \$0                      | \$0               |
| Total Energy Supply and Conservation         | \$15,180                 | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          | _                 |
| Weatherization Assistance                    | \$0                      | \$24,928                 | \$0               |
| State Energy Program Grants                  | \$0                      | \$1,211                  | \$931             |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$26,139                 | \$931             |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$26,139                 | \$931             |
| Science                                      |                          |                          |                   |
| High Energy Physics                          |                          |                          |                   |
| High Energy Physics                          | \$4,548                  | \$4,112                  | \$4,181           |
| Total High Energy Physics                    | \$4,548                  | \$4,112                  | \$4,181           |
| Nuclear Physics                              |                          |                          |                   |
| Nuclear Physics                              | \$1,906                  | \$939                    | \$939             |
| Total Nuclear Physics                        | \$1,906                  | \$939                    | \$939             |
| Biological and Environmental Research        |                          |                          |                   |
| Biological and Environmental Research        | \$6,666                  | \$3,687                  | \$3,322           |
| Total Biological and Environmental Research  | \$6,666                  | \$3,687                  | \$3,322           |
| Basic Energy Sciences                        |                          |                          |                   |
| Basic Energy Sciences                        | \$9,278                  | \$9,310                  | \$7,322           |
| Total Basic Energy Sciences                  | \$9,278                  | \$9,310                  | \$7,322           |
| Advanced Scientific Computing Research       |                          |                          |                   |
| Advanced Scientific Computing Research       | \$50                     | \$349                    | \$300             |
| Total Advanced Scientific Computing Research | \$50                     | \$349                    | \$300             |
| Total Science                                | \$22,448                 | \$18,397                 | \$16,064          |
| Fossil Energy Research and Development       |                          |                          |                   |
| Fuels and Other Power Systems                |                          |                          |                   |
| Carbon Sequestration                         | \$159                    | \$0                      | \$0               |
| Fuels  | \$729                    | \$964                    | \$0               |
| Total Fuels and Other Power Systems          | \$888                    | \$964                    | \$0               |
| Total Fossil Energy Research and Development | \$888                    | \$964                    | \$0               |
| tal Michigan                                 | \$38,516                 | \$45,500                 | \$16,995          |
|  |                          |                          |                   |

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#### State Table

(Dollars In Thousands)

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| nnesota   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation                      |                          |                          |                   |
| Energy Efficiency and Renewable Energy              |                          |                          |                   |
| Weatherization Assistance                           | \$8,802                  | \$0                      | \$(               |
| State Energy Program Grants                         | \$989                    | \$0                      | \$(               |
| Total Energy Efficiency and Renewable Energy        | \$9,791                  | \$0                      | \$0               |
| Total Energy Supply and Conservation                | \$9,791                  | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy              |                          |                          |                   |
| Energy Efficiency and Renewable Energy              |                          |                          |                   |
| State Energy Program Grants                         | \$0                      | \$734                    | \$558             |
| Total Energy Efficiency and Renewable Energy        | \$0                      | \$734                    | \$558             |
| Total Energy Efficiency and Renewable Energy        | \$0                      | \$734                    | \$558             |
| Science   |                          |                          |                   |
| High Energy Physics                                 |                          |                          |                   |
| High Energy Physics                                 | \$3,313                  | \$5,347                  | \$22,145          |
| Total High Energy Physics                           | \$3,313                  | \$5,347                  | \$22,145          |
| Nuclear Physics                                     |                          |                          |                   |
| Nuclear Physics                                     | \$320                    | \$310                    | \$415             |
| Total Nuclear Physics                               | \$320                    | \$310                    | \$415             |
| Biological and Environmental Research               |                          |                          |                   |
| Biological and Environmental Research               | \$1,555                  | \$498                    | \$729             |
| Total Biological and Environmental Research         | \$1,555                  | \$498                    | \$729             |
| Basic Energy Sciences                               |                          |                          |                   |
| Basic Energy Sciences                               | \$2,234                  | \$1,572                  | \$1,891           |
| Total Basic Energy Sciences                         | \$2,234                  | \$1,572                  | \$1,891           |
| Advanced Scientific Computing Research              |                          | <b>.</b>                 | <b></b>           |
| Advanced Scientific Computing Research              | \$416                    | \$451                    | \$416             |
| Total Advanced Scientific Computing Research        | \$416                    | \$451                    | \$416             |
| Total Science                                       | \$7,838                  | \$8,178                  | \$25,596          |
| Western Area Power Admin. Const., Rehab., O&M       |                          |                          |                   |
| Systems Operation and Maintenance                   |                          | <b>.</b>                 |                   |
| Systems Operation and Maintenance                   | \$14,060                 | \$17,253                 | \$18,963          |
| Total Systems Operation and Maintenance             | \$14,060                 | \$17,253                 | \$18,963          |
| Program Direction Program Direction                 | \$116                    | \$119                    | \$120             |
| Total Program Direction                             | \$116                    | \$119                    | \$120             |
|   | <u> </u>                 |                          |                   |
| Total Western Area Power Admin. Const., Rehab., O&M | \$14,176                 | \$17,372                 | \$19,083          |
| Colorado River Basins Power Marketing Fund          |                          |                          |                   |

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#### State Table

| Minnesota  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Equipment, Contracts and Other Related Expenses Colorado River Storage Project | \$2,364                  | \$1,475                  | \$2,315            |
| Total Equipment, Contracts and Other Related Expenses                          | \$2,364                  | \$1,475                  | \$2,315            |
| Total Colorado River Basins Power Marketing Fund                               | \$2,364                  | \$1,475                  | \$2,315            |
| Fossil Energy Research and Development Fuels and Other Power Systems           | ФЭО                      | ΦO                       | ΦO                 |
| Carbon Sequestration  Total Fuels and Other Power Systems                      | \$30                     | \$0                      | \$0                |
|  | \$30                     | \$0                      | \$0                |
| Total Fossil Energy Research and Development                                   | \$30                     | \$0                      | \$0                |
| Total Minnesota  | \$34,199                 | \$27,759                 | \$47,552           |

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#### State Table

| ssissippi                                    | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation               |                          |                          |                    |
| Energy Efficiency and Renewable Energy       | _                        |                          | _                  |
| Weatherization Assistance                    | \$1,477                  | \$0                      | \$0                |
| State Energy Program Grants                  | \$583                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy | \$2,060                  | \$0                      | \$0                |
| Total Energy Supply and Conservation         | \$2,060                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$0                      | \$1,641                  | \$0                |
| State Energy Program Grants                  | \$0                      | \$391                    | \$259              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$2,032                  | \$259              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$2,032                  | \$259              |
| Science                                      |                          |                          |                    |
| High Energy Physics                          |                          |                          |                    |
| High Energy Physics                          | \$479                    | \$577                    | \$464              |
| Total High Energy Physics                    | \$479                    | \$577                    | \$464              |
| Nuclear Physics                              |                          |                          |                    |
| Nuclear Physics                              | \$463                    | \$265                    | \$178              |
| Total Nuclear Physics                        | \$463                    | \$265                    | \$178              |
| Biological and Environmental Research        |                          |                          |                    |
| Biological and Environmental Research        | \$400                    | \$0                      | \$300              |
| Total Biological and Environmental Research  | \$400                    | \$0                      | \$300              |
| Basic Energy Sciences                        |                          |                          |                    |
| Basic Energy Sciences                        | \$245                    | \$245                    | \$100              |
| Total Basic Energy Sciences                  | \$245                    | \$245                    | \$100              |
| Total Science                                | \$1,587                  | \$1,087                  | \$1,042            |
| Fossil Energy Research and Development       |                          |                          |                    |
| Congressionally Directed Projects            |                          |                          |                    |
| Congressionally Directed Projects            | \$0                      | \$957                    | \$0                |
| Total Congressionally Directed Projects      | \$0                      | \$957                    | \$0                |
| Total Fossil Energy Research and Development | \$0                      | \$957                    | \$0                |
| Strategic Petroleum Reserve                  |                          |                          |                    |
| Expansion                                    |                          |                          |                    |
| Expansion                                    | \$0                      | \$24,773                 | \$30,943           |
| Total Expansion                              | \$0                      | \$24,773                 | \$30,943           |
| Management for SPR Expansion                 |                          |                          |                    |
| Management for SPR Expansion                 | \$0                      | \$0                      | \$564              |
| -  |                          |                          |                    |

State Table (Dollars In Thousands)

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| Mississippi                        | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|------------------------------------|--------------------------|--------------------------|--------------------|
| Total Management for SPR Expansion | \$0                      | \$0                      | \$564              |
| Total Strategic Petroleum Reserve  | \$0                      | \$24,773                 | \$31,507           |
| Total Mississippi                  | \$3,647                  | \$28,849                 | \$32,808           |

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#### State Table

(Dollars In Thousands)

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| ssouri                                       | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|--|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation               |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$5,364                  | \$0                      | \$                |
| State Energy Program Grants                  | \$946                    | \$0                      | \$                |
| Total Energy Efficiency and Renewable Energy | \$6,310                  | \$0                      | \$                |
| Total Energy Supply and Conservation         | \$6,310                  | \$0                      | \$                |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Energy Efficiency and Renewable Energy       |                          |                          |                   |
| Weatherization Assistance                    | \$0                      | \$5,975                  | \$                |
| State Energy Program Grants                  | \$0                      | \$676                    | \$49              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$6,651                  | \$49              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$6,651                  | \$49              |
| Science                                      |                          |                          |                   |
| High Energy Physics                          | <b>^-</b>                | <b></b>                  | <b>^</b>          |
| High Energy Physics                          | \$702                    | \$489                    | \$59              |
| Total High Energy Physics                    | \$702                    | \$489                    | \$59              |
| Nuclear Physics                              |                          |                          |                   |
| Nuclear Physics                              | \$678                    | \$908                    | \$63              |
| Total Nuclear Physics                        | \$678                    | \$908                    | \$63              |
| Biological and Environmental Research        |                          |                          |                   |
| Biological and Environmental Research        | \$795                    | \$277                    | \$32              |
| Total Biological and Environmental Research  | \$795                    | \$277                    | \$32              |
| Basic Energy Sciences                        | <b>^</b>                 | <b>.</b>                 | <b>4.</b>         |
| Basic Energy Sciences                        | \$2,288                  | \$1,374                  | \$1,50            |
| Total Basic Energy Sciences                  | \$2,288                  | \$1,374                  | \$1,50            |
| Fusion Energy Sciences Program               |                          |                          |                   |
| Fusion Energy Sciences Program               | \$100                    | \$0                      | \$                |
| Total Fusion Energy Sciences Program         | \$100                    | \$0                      | \$                |
| Advanced Scientific Computing Research       | 400                      | <b>***</b>               |                   |
| Advanced Scientific Computing Research       | \$99                     | \$233                    | \$9               |
| Total Advanced Scientific Computing Research | \$99                     | \$233                    | \$9               |
| Total Science                                | \$4,662                  | \$3,281                  | \$3,15            |
| Weapons Activities                           |                          |                          |                   |
| Directed Stockpile Work                      |                          |                          |                   |
| Directed Stockpile Work                      | \$223,103                | \$209,968                | \$254,54          |
| Total Directed Stockpile Work                | \$223,103                | \$209,968                | \$254,54          |
| Engineering Campaign                         |                          |                          |                   |
| Engineering Campaign                         | \$6,737                  | \$6,147                  | \$6,27            |

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FY 2009

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FY 2008

FY 2007

#### State Table

| Missouri   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Engineering Campaign   | \$6,737                  | \$6,147                  | \$6,275            |
| Advanced Simulation & Computing Campaign<br>Advanced Simulation & Computing Campaign                             | \$250                    | \$500                    | \$0                |
| Total Advanced Simulation & Computing Campaign   | \$250                    | \$500                    | \$0                |
| Defense Nuclear Security Defense Nuclear Security  | \$11,294                 | \$10,748                 | \$10,843           |
| Total Defense Nuclear Security   | \$11,294                 | \$10,748                 | \$10,843           |
| Cyber Security Cyber Security  | \$2,700                  | \$3,678                  | \$5,349            |
| Total Cyber Security   | \$2,700                  | \$3,678                  | \$5,349            |
| Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign                        | \$450                    | \$125                    | \$0                |
| Total Pit Manufacturing and Certification Campaign   | \$450                    | \$125                    | \$0                |
| Readiness Campaign<br>Readiness Campaign   | \$33,667                 | \$26,692                 | \$24,952           |
| Total Readiness Campaign   | \$33,667                 | \$26,692                 | \$24,952           |
| Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities                            | \$89,106                 | \$90,138                 | \$128,035          |
| Total Readiness in Technical Base and Facilities   | \$89,106                 | \$90,138                 | \$128,035          |
| Secure Transportation Asset Secure Transportation Asset  | \$32,763                 | \$27,951                 | \$29,932           |
| Total Secure Transportation Asset  | \$32,763                 | \$27,951                 | \$29,932           |
| Nuclear Weapons Incident Response Nuclear Weapons Incident Response  | \$7,803                  | \$4,706                  | \$4,941            |
| Total Nuclear Weapons Incident Response  | \$7,803                  | \$4,706                  | \$4,941            |
| Facilities and Infrastructure Recapitalization Program<br>Facilities and Infrastructure Recapitalization Program | \$17,668                 | \$15,600                 | \$10,000           |
| Total Facilities and Infrastructure Recapitalization Program   | \$17,668                 | \$15,600                 | \$10,000           |
| Environmental Projects and Operations Program Environmental Projects and Operations Program                      | \$0                      | \$1,000                  | \$2,800            |
| Total Environmental Projects and Operations Program  | \$0                      | \$1,000                  | \$2,800            |
| Congressionally Directed Projects Congressionally Directed Projects  | \$0                      | \$985                    | \$0                |
| Total Congressionally Directed Projects  | \$0                      | \$985                    | \$0                |
| Total Weapons Activities   | \$425,541                | \$398,238                | \$477,669          |
| Other Defense Activities Environment, Safety, and Health   |                          |                          |                    |
| Environment, Safety, and Health  | \$136                    | \$0                      | \$0                |

State Table

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| Missouri FY 2007 FY 2008 Appropriation Appropriation |  |
|--|--|

| ssouri   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Environment, Safety, and Health  | \$136                    | \$0                      | \$0                |
| Security and Safety Performance Assurance<br>Nuclear Safeguards and Security   | \$15                     | \$0                      | \$0                |
| Total Security and Safety Performance Assurance  | \$15                     | \$0                      | \$0                |
| Health Safety and Security  Health Safety and Security (All other)   | \$0                      | \$50                     | \$50               |
| Total Health Safety and Security   | \$0                      | \$50                     | \$50               |
| Program Direction Program Direction  | \$0                      | \$1,200                  | \$1,200            |
| Total Program Direction  | \$0                      | \$1,200                  | \$1,200            |
| Total Other Defense Activities   | \$151                    | \$1,250                  | \$1,250            |
| Defense Nuclear Nonproliferation  Nonproliferation and International Security  Nonproliferation and International Security | \$2,148                  | \$2,499                  | \$2,341            |
| Total Nonproliferation and International Security  | \$2,148                  | \$2,499                  | \$2,341            |
| Total Defense Nuclear Nonproliferation   | \$2,148                  | \$2,499                  | \$2,341            |
| Office of the Administrator Office of the Administrator Office of the Administrator  Total Office of the Administrator     | \$6,040<br>\$6,040       | \$6,267<br>\$6,267       | \$6,951<br>\$6,951 |
| Total Office of the Administrator  | \$6,040                  | \$6,267                  | \$6,951            |
| Southwestern Power Admin Operation & Maint. Systems Operation and Maintenance Systems Operation and Maintenance            | \$2,437                  | \$4,617                  | \$4,793            |
| Total Systems Operation and Maintenance  | \$2,437                  | \$4,617                  | \$4,793            |
| Purchase Power and Wheeling Purchase Power and Wheeling  | \$12,400                 | \$45,000                 | \$46,000           |
| Total Purchase Power and Wheeling  | \$12,400                 | \$45,000                 | \$46,000           |
| SWPA Construction Construction   | \$1,204                  | \$993                    | \$1,496            |
| Total SWPA Construction  | \$1,204                  | \$993                    | \$1,496            |
| Program Direction Program Direction  | \$2,397                  | \$2,605                  | \$2,785            |
| Total Program Direction  | \$2,397                  | \$2,605                  | \$2,785            |
| Total Southwestern Power Admin Operation & Maint.  | \$18,438                 | \$53,215                 | \$55,074           |

Fossil Energy Research and Development Congressionally Directed Projects

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#### State Table

| Missouri  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Congressionally Directed Projects   | \$0                      | \$2,392                  | \$0                |
| Total Congressionally Directed Projects   | \$0                      | \$2,392                  | \$0                |
| Total Fossil Energy Research and Development  Defense Environmental Cleanup  NNSA Sites  NNSA Sites | \$0<br>\$1,697           | \$2,392<br>\$0           | \$0<br>\$0         |
| Total NNSA Sites  | \$1,697                  | \$0                      | \$0                |
| Total Defense Environmental Cleanup   | \$1,697                  | \$0                      | \$0                |
| Total Missouri  | \$464,987                | \$473,793                | \$546,931          |

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#### State Table

(Dollars In Thousands)

| ntana   | FY 2007          | FY 2008       | FY 2009  |
|---|------------------|---------------|----------|
|   | Appropriation    | Appropriation | Reques   |
| Energy Supply and Conservation  |                  |               |          |
| Energy Efficiency and Renewable Energy                                    | <b>CO 054</b>    | <b>C</b> O    | Ф.С      |
| Weatherization Assistance   | \$2,254<br>\$371 | \$0<br>\$0    | \$0      |
| State Energy Program Grants  Total Energy Efficiency and Renewable Energy | •                | \$0           | \$0      |
|   | \$2,625          | \$0           | \$0      |
| Total Energy Supply and Conservation                                      | \$2,625          | \$0           | \$0      |
| Energy Efficiency and Renewable Energy                                    |                  |               |          |
| Energy Efficiency and Renewable Energy                                    | 40               | <b>A</b>      | •        |
| Weatherization Assistance   | \$0              | \$2,508       | \$0      |
| State Energy Program Grants   | \$0              | \$252         | \$170    |
| Total Energy Efficiency and Renewable Energy                              | \$0              | \$2,760       | \$170    |
| Total Energy Efficiency and Renewable Energy                              | \$0              | \$2,760       | \$170    |
| Science   |                  |               |          |
| Biological and Environmental Research                                     |                  |               |          |
| Biological and Environmental Research                                     | \$585            | \$478         | \$602    |
| Total Biological and Environmental Research                               | \$585            | \$478         | \$602    |
| Basic Energy Sciences   |                  |               |          |
| Basic Energy Sciences   | \$591            | \$619         | \$458    |
| Total Basic Energy Sciences   | \$591            | \$619         | \$458    |
| Fusion Energy Sciences Program  |                  |               |          |
| Fusion Energy Sciences Program  | \$65             | \$65          | \$65     |
| Total Fusion Energy Sciences Program                                      | \$65             | \$65          | \$65     |
| Total Science   | \$1,241          | \$1,162       | \$1,125  |
| Western Area Power Admin. Const., Rehab., O&M                             |                  |               |          |
| Systems Operation and Maintenance   |                  |               |          |
| Systems Operation and Maintenance   | \$12,288         | \$12,523      | \$13,265 |
| Total Systems Operation and Maintenance                                   | \$12,288         | \$12,523      | \$13,265 |
| Program Direction   |                  | •             | •        |
| Program Direction   | \$3,588          | \$3,682       | \$3,741  |
| Total Program Direction   | \$3,588          | \$3,682       | \$3,741  |
| Total Western Area Power Admin. Const.,Rehab.,O&M                         | \$15,876         | \$16,205      | \$17,006 |
| Colorado River Basins Power Marketing Fund                                |                  |               |          |
| Equipment, Contracts and Other Related Expenses                           |                  |               |          |
| Colorado River Storage Project  | \$15,128         | \$10,080      | \$10,825 |
| Total Equipment, Contracts and Other Related Expenses                     | \$15,128         | \$10,080      | \$10,825 |
| Program Direction   |                  |               |          |
| Program Direction   | \$9,702          | \$9,564       | \$10,404 |
|   |                  |               |          |

## State Table

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| ontana  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Program Direction   | \$9,702                  | \$9,564                  | \$10,404           |
| Total Colorado River Basins Power Marketing Fund  | \$24,830                 | \$19,644                 | \$21,229           |
| Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration | \$3,762                  | \$10,075                 | \$20,214           |
| Total Fuels and Other Power Systems   | \$3,762                  | \$10,075                 | \$20,214           |
| Congressionally Directed Projects Congressionally Directed Projects                       | \$0                      | \$5,740                  | \$0                |
| Total Congressionally Directed Projects   | \$0                      | \$5,740                  | \$0                |
| Total Fossil Energy Research and Development  | \$3,762                  | \$15,815                 | \$20,214           |
| otal Montana  | \$48,334                 | \$55,586                 | \$59,744           |

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#### State Table

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| braska  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                        |                          |                          |                    |
| Energy Efficiency and Renewable Energy                |                          |                          |                    |
| Weatherization Assistance                             | \$2,231                  | \$0                      | \$0                |
| State Energy Program Grants                           | \$477                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy          | \$2,708                  | \$0                      | \$0                |
| Total Energy Supply and Conservation                  | \$2,708                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy                |                          |                          |                    |
| Energy Efficiency and Renewable Energy                |                          |                          |                    |
| Weatherization Assistance                             | \$0                      | \$2,483                  | \$0                |
| State Energy Program Grants                           | \$0                      | \$332                    | \$231              |
| Total Energy Efficiency and Renewable Energy          | \$0                      | \$2,815                  | \$231              |
| Total Energy Efficiency and Renewable Energy          | \$0                      | \$2,815                  | \$231              |
| Science   |                          |                          |                    |
| Nuclear Physics                                       |                          |                          |                    |
| Nuclear Physics                                       | \$180                    | \$155                    | \$155              |
| Total Nuclear Physics                                 | \$180                    | \$155                    | \$155              |
| Biological and Environmental Research                 |                          |                          |                    |
| Biological and Environmental Research                 | \$350                    | \$350                    | \$0                |
| Total Biological and Environmental Research           | \$350                    | \$350                    | \$0                |
| Basic Energy Sciences                                 |                          |                          |                    |
| Basic Energy Sciences                                 | \$1,157                  | \$588                    | \$741              |
| Total Basic Energy Sciences                           | \$1,157                  | \$588                    | \$741              |
| Total Science   | \$1,687                  | \$1,093                  | \$896              |
| Western Area Power Admin. Const., Rehab., O&M         |                          |                          |                    |
| Systems Operation and Maintenance                     |                          |                          |                    |
| Systems Operation and Maintenance                     | \$26,082                 | \$32,381                 | \$34,716           |
| Total Systems Operation and Maintenance               | \$26,082                 | \$32,381                 | \$34,716           |
| Program Direction                                     |                          |                          |                    |
| Program Direction                                     | \$2,091                  | \$2,150                  | \$2,162            |
| Total Program Direction                               | \$2,091                  | \$2,150                  | \$2,162            |
| Total Western Area Power Admin. Const.,Rehab.,O&M     | \$28,173                 | \$34,531                 | \$36,878           |
| Colorado River Basins Power Marketing Fund            |                          |                          |                    |
| Equipment, Contracts and Other Related Expenses       |                          |                          |                    |
| Colorado River Storage Project                        | \$4,324                  | \$2,698                  | \$4,233            |
| Total Equipment, Contracts and Other Related Expense. | s \$4,324                | \$2,698                  | \$4,233            |
| Total Colorado River Basins Power Marketing Fund      | \$4,324                  | \$2,698                  | \$4,233            |

State Table (Dollars In Thousands)

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| Nebraska       | FY 2007       | FY 2008       | FY 2009  |
|----------------|---------------|---------------|----------|
|                | Appropriation | Appropriation | Request  |
| Total Nebraska | \$36,892      | \$41,137      | \$42,238 |

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#### State Table

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(Dollars In Thousands)

| vada  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation Energy Efficiency and Renewable Energy |                          |                          |                    |
| Weatherization Assistance   | \$751                    | \$0                      | \$0                |
| State Energy Program Grants   | \$442                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy                          | \$1,193                  | \$0                      | \$0                |
| Research & Development  Nuclear Hydrogen Initiative                   | \$2,000                  | \$0                      | \$0                |
| Total Research & Development  | \$2,000                  | \$0                      | \$0                |
| Total Energy Supply and Conservation                                  | \$3,193                  | \$0                      | \$0                |
| Nuclear Energy  |                          |                          |                    |
| Research & Development  |                          | _                        |                    |
| Nuclear Hydrogen Initiative   | \$0                      | \$0                      | \$2,000            |
| Generation IV Nuclear Energy System Initiative                        | \$0<br>\$0               | \$1,400<br>*0            | \$0<br>\$2.405     |
| Advanced Fuel Cycle Initiative  | \$0                      | \$0                      | \$3,105            |
| Total Research & Development  | \$0                      | \$1,400                  | \$5,105            |
| Fuel Cycle Research and Facilities Advanced Fuel Cycle Initiative     | \$0                      | \$4,000                  | \$0                |
| Total Fuel Cycle Research and Facilities                              | \$0                      | \$4,000                  | \$0                |
| Total Nuclear Energy  | \$0                      | \$5,400                  | \$5,105            |
| Energy Efficiency and Renewable Energy                                |                          |                          |                    |
| Energy Efficiency and Renewable Energy                                |                          |                          |                    |
| Weatherization Assistance   | \$0                      | \$832                    | \$0                |
| State Energy Program Grants   | \$0                      | \$287                    | \$180              |
| Total Energy Efficiency and Renewable Energy                          | \$0                      | \$1,119                  | \$180              |
| Total Energy Efficiency and Renewable Energy                          | \$0                      | \$1,119                  | \$180              |
| Science   |                          |                          |                    |
| Biological and Environmental Research                                 |                          | _                        |                    |
| Biological and Environmental Research                                 | \$1,439                  | \$968                    | \$611              |
| Total Biological and Environmental Research                           | \$1,439                  | \$968                    | \$611              |
| Basic Energy Sciences   |                          |                          |                    |
| Basic Energy Sciences   | \$874                    | \$893                    | \$296              |
| Total Basic Energy Sciences   | \$874                    | \$893                    | \$296              |
| Fusion Energy Sciences Program  |                          |                          |                    |
| Fusion Energy Sciences Program  | \$319                    | \$497                    | \$472              |
| Total Fusion Energy Sciences Program                                  | \$319                    | \$497                    | \$472              |
| Total Science   | \$2,632                  | \$2,358                  | \$1,379            |
| Weapons Activities  | . , -                    | . ,                      | . ,                |

Weapons Activities Directed Stockpile Work

State Table

(Dollars In Thousands)

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| da   | FY 2007<br>Appropriation  | FY 2008<br>Appropriation  | FY 2009<br>Request |
|--|---|---|--------------------|
| Directed Stockpile Work  | \$43,636  | \$49,796  | \$41,459           |
| Total Directed Stockpile Work  | \$43,636  | \$49,796  | \$41,459           |
| Science Campaign<br>Science Campaign   | \$40,243  | \$29,702  | \$30,700           |
| Total Science Campaign   | \$40,243  | \$29,702  | \$30,700           |
| Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign  | \$0   | \$3,000   | \$0                |
| Total Inertial Confinement Fusion and High Yield Campaig   | \$0   | \$3,000   | \$0                |
| Transformation Disposition Transformation Disposition  | \$0   | \$0   | \$950              |
| Total Transformation Disposition   | \$0   | \$0   | \$950              |
| Defense Nuclear Security Defense Nuclear Security  | \$87,065  | \$78,814  | \$96,434           |
| Total Defense Nuclear Security   | \$87,065  | \$78,814  | \$96,434           |
| Cyber Security Cyber Security  | \$3,588   | \$4,527   | \$3,425            |
| Total Cyber Security   | \$3,588   | \$4,527   | \$3,425            |
| Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign  | \$433   | \$0   | \$0                |
| Total Pit Manufacturing and Certification Campaign   | \$433   | \$0   | \$0                |
| Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities  | \$134,002   | \$128,410   | \$142,338          |
| Total Readiness in Technical Base and Facilities   | \$134,002   | \$128,410   | \$142,338          |
| Secure Transportation Asset Secure Transportation Asset  | \$179   | \$180   | \$195              |
| Total Secure Transportation Asset  | \$179   | \$180   | \$195              |
| Nuclear Weapons Incident Response Nuclear Weapons Incident Response  | \$37,316  | \$40,459  | \$44,007           |
| Total Nuclear Weapons Incident Response  | \$37,316  | \$40,459  | \$44,007           |
| Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program  | \$13,228  | \$13,211  | \$13,929           |
| Total Facilities and Infrastructure Recapitalization Program   | \$13,228  | \$13,211  | \$13,929           |
| Congressionally Directed Projects Congressionally Directed Projects  | \$0   | \$18,666  | \$0                |
| Total Congressionally Directed Projects  | \$0   | \$18,666  | \$0                |
| tal Weapons Activities   | \$359,690   | \$366,765   | \$373,437          |
| Secure Transportation Asset  Total Secure Transportation Asset  Nuclear Weapons Incident Response     Nuclear Weapons Incident Response  Total Nuclear Weapons Incident Response  Facilities and Infrastructure Recapitalization Program     Facilities and Infrastructure Recapitalization Program  Total Facilities and Infrastructure Recapitalization Program  Congressionally Directed Projects     Congressionally Directed Projects | \$179<br>\$37,316<br>\$37,316<br>\$13,228<br>\$13,228<br>\$0<br>\$0 | \$180<br>\$40,459<br>\$40,459<br>\$13,211<br>\$13,211<br>\$18,666<br>\$18,666 | \$4<br>\$1<br>\$1  |

Other Defense Activities

Environment, Safety, and Health

FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| evada  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Environment, Safety, and Health  | \$3,150                  | \$0                      | \$0                |
| Total Environment, Safety, and Health  | \$3,150                  | \$0                      | \$0                |
| Security and Safety Performance Assurance Nuclear Safeguards and Security  | \$2,586                  | \$0                      | \$0                |
| Total Security and Safety Performance Assurance  | \$2,586                  | \$0                      | \$0                |
| Health Safety and Security Health Safety and Security (All other)  | \$0                      | \$6,080                  | \$6,680            |
| Total Health Safety and Security   | \$0                      | \$6,080                  | \$6,680            |
| Total Other Defense Activities   | \$5,736                  | \$6,080                  | \$6,680            |
| Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D                       | \$6,210                  | \$8,485                  | \$6,138            |
| Total Nonproliferation and Verification R&D  | \$6,210                  | \$8,485                  | \$6,138            |
| Nonproliferation and International Security  Nonproliferation and International Security   | \$1,178                  | \$1,371                  | \$1,284            |
| Total Nonproliferation and International Security  | \$1,178                  | \$1,371                  | \$1,284            |
| Non Proliferation Programs with Russia<br>International Nuclear Materials Protection & Cooperatio<br>Fissile Materials Disposition | \$5,031<br>\$1,967       | \$3,405<br>\$300         | \$393<br>\$200     |
| Total Non Proliferation Programs with Russia   | \$6,998                  | \$3,705                  | \$593              |
| Global Threat Reduction Initiative Global Threat Reduction Initiative  | \$2,351                  | \$1,787                  | \$800              |
| Total Global Threat Reduction Initiative   | \$2,351                  | \$1,787                  | \$800              |
| Total Defense Nuclear Nonproliferation   | \$16,737                 | \$15,348                 | \$8,815            |
| Office of the Administrator Office of the Administrator  | 0.17 700                 | 0.000                    | <b></b>            |
| Office of the Administrator  | \$17,780                 | \$18,079                 | \$19,347           |
| Total Office of the Administrator  | \$17,780                 | \$18,079                 | \$19,347           |
| Total Office of the Administrator  | \$17,780                 | \$18,079                 | \$19,347           |
| Office of the Inspector General Office of the Inspector General Office of the Inspector General                                    | \$1,001                  | \$1,118                  | \$1,198            |
| Total Office of the Inspector General  | \$1,001                  | \$1,118                  | \$1,198            |
| Total Office of the Inspector General  | \$1,001                  | \$1,118                  | \$1,198            |
| Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance                    | \$2,582                  | \$1,553                  | \$814              |

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#### State Table

(Dollars In Thousands)

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| evada  | FY 2007<br>Appropriation       | FY 2008<br>Appropriation | FY 2009<br>Request              |
|--|--------------------------------|--------------------------|---------------------------------|
| Total Systems Operation and Maintenance  | \$2,582                        | \$1,553                  | \$814                           |
| Program Direction Program Direction  | \$581                          | \$597                    | \$601                           |
| Total Program Direction  | \$581                          | \$597                    | \$601                           |
| Total Western Area Power Admin. Const.,Rehab.,O&M  | \$3,163                        | \$2,150                  | \$1,415                         |
| Colorado River Basins Power Marketing Fund Program Direction   | 4.0-                           | 4000                     | <b>.</b>                        |
| Program Direction  | \$405                          | \$398                    | \$434                           |
| Total Program Direction  | \$405                          | \$398                    | \$434                           |
| Total Colorado River Basins Power Marketing Fund   | \$405                          | \$398                    | \$434                           |
| Nuclear Waste Fund Nuclear Waste Disposal Repository Program Prog. Mgmt. & Int (S & T)   | \$21,305<br>\$0                | \$20,307<br>\$972        | \$43,588<br>\$1,000<br>\$30,917 |
| Program Direction  Total Nuclear Waste Disposal  | \$34,418                       | \$31,899                 |                                 |
| Total Nucleal Waste Disposal   | \$55,723                       | \$53,178                 | \$75,505                        |
| Total Nuclear Waste Fund   | \$55,723                       | \$53,178                 | \$75,505                        |
| Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal Transportation Prog. mgmt & Int (Non S & T) | \$150,635<br>\$14,185<br>\$332 | \$172,132<br>\$0<br>\$0  | \$193,031<br>\$0<br>\$0         |
| Total Defense Nuclear Waste Disposal   | \$165,152                      | \$172,132                | \$193,031                       |
| Total Defense Nuclear Waste Disposal Defense Environmental Cleanup   | \$165,152                      | \$172,132                | \$193,031                       |
| Program Direction Program Direction  | \$3,925                        | \$4,040                  | \$3,680                         |
| Total Program Direction  | \$3,925                        | \$4,040                  | \$3,680                         |
| NNSA Sites NNSA Sites  | \$87,768                       | \$80,368                 | \$65,674                        |
| Total NNSA Sites   | \$87,768                       | \$80,368                 | \$65,674                        |
| Total Defense Environmental Cleanup  | \$91,693                       | \$84,408                 | \$69,354                        |
| tal Nevada   | \$722,905                      | \$728,533                | \$755,880                       |

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#### State Table

| New Hampshire   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation Energy Efficiency and Renewable Energy Weatherization Assistance         | \$1,352                  | \$0                      | \$0                |
| State Energy Program Grants   | \$411                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy  | \$1,763                  | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$1,763                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance | \$0                      | \$1,502                  | \$0                |
| State Energy Program Grants   | \$0                      | \$288                    | \$203              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$1,790                  | \$203              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$1,790                  | \$203              |
| Science<br>Nuclear Physics<br>Nuclear Physics   | \$454                    | \$356                    | \$482              |
| Total Nuclear Physics   | \$454                    | \$356                    | \$482              |
| Basic Energy Sciences Basic Energy Sciences   | \$994                    | \$981                    | \$906              |
| Total Basic Energy Sciences   | \$994                    | \$981                    | \$906              |
| Fusion Energy Sciences Program Fusion Energy Sciences Program   | \$355                    | \$261                    | \$261              |
| Total Fusion Energy Sciences Program  | \$355                    | \$261                    | \$261              |
| Total Science   | \$1,803                  | \$1,598                  | \$1,649            |
| Fossil Energy Research and Development Fuels and Other Power Systems                                    |                          |                          | . ,                |
| Advanced Research   | \$0                      | \$658                    | \$153              |
| Total Fuels and Other Power Systems   | \$0                      | \$658                    | \$153              |
| Total Fossil Energy Research and Development  | \$0                      | \$658                    | \$153              |
| Total New Hampshire   | \$3,566                  | \$4,046                  | \$2,005            |

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#### State Table

| v Jersey  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation  |                          |                          | ·                 |
| Energy Efficiency and Renewable Energy                                      |                          |                          |                   |
| Weatherization Assistance   | \$4,561                  | \$0                      | \$(               |
| State Energy Program Grants   | \$1,340                  | \$0                      | \$(               |
| Total Energy Efficiency and Renewable Energy                                | \$5,901                  | \$0                      | \$0               |
| Total Energy Supply and Conservation  | \$5,901                  | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy                                      |                          |                          |                   |
| Energy Efficiency and Renewable Energy                                      |                          |                          |                   |
| Weatherization Assistance   | \$0                      | \$5,079                  | \$0               |
| State Energy Program Grants   | \$0                      | \$989                    | \$747             |
| Total Energy Efficiency and Renewable Energy                                | \$0                      | \$6,068                  | \$747             |
| Total Energy Efficiency and Renewable Energy                                | \$0                      | \$6,068                  | \$747             |
| Science   |                          |                          |                   |
| High Energy Physics   |                          |                          |                   |
| High Energy Physics   | \$4,568                  | \$4,233                  | \$4,385           |
| Total High Energy Physics   | \$4,568                  | \$4,233                  | \$4,38            |
| Nuclear Physics   |                          |                          |                   |
| Nuclear Physics   | \$58                     | \$122                    | \$122             |
| Total Nuclear Physics   | \$58                     | \$122                    | \$122             |
| Biological and Environmental Research Biological and Environmental Research | \$2,204                  | \$798                    | \$1,096           |
|   |                          | •                        |                   |
| Total Biological and Environmental Research                                 | \$2,204                  | \$798                    | \$1,096           |
| Basic Energy Sciences   | <b>#</b> 5.007           | <b>#</b> 0.004           | <b>#</b> 0.00     |
| Basic Energy Sciences   | \$5,027                  | \$2,861                  | \$2,805           |
| Total Basic Energy Sciences   | \$5,027                  | \$2,861                  | \$2,805           |
| Fusion Energy Sciences Program  | <b>^</b>                 | <b>4</b>                 | <b>^</b>          |
| Fusion Energy Sciences Program  | \$70,462                 | \$73,502                 | \$75,148          |
| Total Fusion Energy Sciences Program  | \$70,462                 | \$73,502                 | \$75,148          |
| Advanced Scientific Computing Research                                      | <b>4. -</b> 4.           | <b>4.</b> 400            | <b></b>           |
| Advanced Scientific Computing Research                                      | \$1,711                  | \$1,439                  | \$1,418           |
| Total Advanced Scientific Computing Research                                | \$1,711                  | \$1,439                  | \$1,418           |
| Program Direction   | <b>#4.050</b>            | <b>04.750</b>            | <b>#4 04</b>      |
| Program Direction   | \$1,653                  | \$1,759                  | \$1,813           |
| Total Program Direction   | \$1,653                  | \$1,759                  | \$1,813           |
| Safeguards and Security   | •• ••                    |                          | <b>^</b>          |
| Safeguards and Security   | \$2,128                  | \$2,128                  | \$2,149           |
| Total Safeguards and Security   | \$2,128                  | \$2,128                  | \$2,149           |

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#### State Table

| New Jersey   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Workforce Development for Teachers and Scientists  | \$155                    | \$155                    | \$565              |
| Total Workforce Development for Teachers and Scientists  | \$155                    | \$155                    | \$565              |
| Total Science  | \$87,966                 | \$86,997                 | \$89,501           |
| Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration                              | \$1,387                  | \$4,883                  | \$2,607            |
| Total Fuels and Other Power Systems  | \$1,387                  | \$4,883                  | \$2,607            |
| Total Fossil Energy Research and Development   | \$1,387                  | \$4,883                  | \$2,607            |
| Northeast Home Heating Oil Reserve Account<br>Northeast Home Heating Oil Reserve<br>Northeast Home Heating Oil Reserve | \$4,320                  | \$4,560                  | \$4,800            |
| Total Northeast Home Heating Oil Reserve   | \$4,320                  | \$4,560                  | \$4,800            |
| Total Northeast Home Heating Oil Reserve Account   | \$4,320                  | \$4,560                  | \$4,800            |
| Total New Jersey   | \$99,574                 | \$102,508                | \$97,655           |

## Department Of Energy

#### FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| w Mexico  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation                    |                          |                          |                   |
| Electricity Delivery & Energy Reliability         |                          |                          |                   |
| Research & Development                            | \$5,700                  | \$0                      | \$0               |
| Electricity Restructuring                         | \$11                     | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy            |                          |                          |                   |
| Wind Energy                                       | \$6,030                  | \$0                      | \$0               |
| Geothermal Technology                             | \$354                    | \$0                      | \$0               |
| Hydrogen Technology                               | \$15,459                 | \$0                      | \$0               |
| Solar Energy                                      | \$18,440                 | \$0                      | \$0               |
| Vehicle Technologies                              | \$9,562                  | \$0                      | \$0               |
| Industrial Technologies                           | \$331                    | \$0                      | \$0               |
| Federal Energy Management Program                 | \$31                     | \$0                      | \$0               |
| Program Support                                   | \$400                    | \$0                      | \$0               |
| Weatherization Assistance                         | \$1,710                  | \$0                      | \$0               |
| State Energy Program Grants                       | \$458                    | \$0                      | \$(               |
| Tribal Energy Activities                          | \$250                    | \$0                      | \$0               |
| Total Energy Efficiency and Renewable Energy      | \$58,736                 | \$0                      | \$0               |
| Research & Development                            |                          |                          |                   |
| Nuclear Hydrogen Initiative                       | \$5,147                  | \$0                      | \$0               |
| Advanced Fuel Cycle Initiative                    | \$17,510                 | \$0                      | \$(               |
| Generation IV Nuclear Energy Systems Initiative   | \$660                    | \$0                      | \$0               |
| Total Research & Development                      | \$23,317                 | \$0                      | \$0               |
| Infrastructure                                    |                          |                          |                   |
| Radiological Facilities Management                | \$18,814                 | \$0                      | \$0               |
| Total Infrastructure                              | \$18,814                 | \$0                      | \$0               |
| Total Energy Supply and Conservation              | \$100,867                | \$0                      | \$0               |
| Non-Defense Environmental Cleanup                 |                          |                          |                   |
| Small Sites Small Sites                           | \$4,383                  | \$2,311                  | \$1,905           |
| Total Small Sites                                 |                          |                          |                   |
|   | \$4,383                  | \$2,311                  | \$1,905           |
| Total Non-Defense Environmental Cleanup           | \$4,383                  | \$2,311                  | \$1,90            |
| Electricity Delivery and Energy Reliability       |                          |                          |                   |
| Electricity Delivery and Energy Reliability       | •                        | <b>4</b>                 | <b>4</b>          |
| Research and Development                          | \$0                      | \$5,730                  | \$5,700           |
| Total Electricity Delivery and Energy Reliability | \$0                      | \$5,730                  | \$5,700           |
| Total Electricity Delivery and Energy Reliability | \$0                      | \$5,730                  | \$5,700           |
| Nuclear Energy                                    |                          |                          |                   |
| Research & Development                            |                          |                          |                   |
| Nuclear Hydrogen Initiative                       | \$0                      | \$2,661                  | \$3,510           |
| Generation IV Nuclear Energy System Initiative    | \$0                      | \$2,817                  | \$100             |
| Advanced Fuel Cycle Initiative                    | \$0                      | \$0                      | \$37,350          |

## Department Of Energy

## FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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|----------------|
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| w Mexico  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Total Research & Development                                      | \$0                      | \$5,478                  | \$40,960          |
| Fuel Cycle Research and Facilities Advanced Fuel Cycle Initiative | \$0                      | \$27,990                 | \$(               |
| Total Fuel Cycle Research and Facilities                          | \$0                      | \$27,990                 | \$(               |
| Infrastructure Radiological Facilities Management                 | \$0                      | \$15,971                 | \$15,410          |
| Total Infrastructure  | \$0                      | \$15,971                 | \$15,41           |
| Total Nuclear Energy  | \$0                      | \$49,439                 | \$56,37           |
| Energy Efficiency and Renewable Energy                            |                          |                          |                   |
| Energy Efficiency and Renewable Energy                            |                          |                          |                   |
| Biomass and Biorefinery Systems R&D                               | \$0                      | \$50                     | \$0               |
| Wind Energy   | \$0                      | \$6,840                  | \$7,100           |
| Geothermal Technology   | \$0                      | \$4,000                  | \$5,000           |
| Hydrogen Technology   | \$0                      | \$17,071                 | \$17,40           |
| Water Power   | \$0                      | \$250                    | \$                |
| Solar Energy  | \$0                      | \$20,554                 | \$15,62           |
| Vehicle Technologies  | \$0                      | \$8,443                  | \$10,56           |
| Industrial Technologies   | \$0                      | \$60                     | \$6               |
| Federal Energy Management Program                                 | \$0<br>\$0               | \$253                    | \$22              |
|   | \$0<br>\$0               | \$253<br>\$175           | \$40              |
| Progam Support  |                          | •                        | •                 |
| Weatherization Assistance   | \$0                      | \$1,901                  | \$                |
| State Energy Program Grants                                       | \$0                      | \$308                    | \$20              |
| Tribal Energy Activities  | \$0                      | \$400                    | \$300             |
| Total Energy Efficiency and Renewable Energy                      | \$0                      | \$60,305                 | \$56,873          |
| Total Energy Efficiency and Renewable Energy                      | \$0                      | \$60,305                 | \$56,873          |
| Science   |                          |                          |                   |
| High Energy Physics   |                          |                          |                   |
| High Energy Physics   | \$1,907                  | \$823                    | \$998             |
| Total High Energy Physics   | \$1,907                  | \$823                    | \$99              |
| Nuclear Physics   |                          |                          |                   |
| Nuclear Physics   | \$11,568                 | \$12,627                 | \$15,78°          |
| Total Nuclear Physics   | \$11,568                 | \$12,627                 | \$15,78           |
| Biological and Environmental Research                             |                          |                          |                   |
| Biological and Environmental Research                             | \$25,169                 | \$17,344                 | \$16,44           |
| Total Biological and Environmental Research                       | \$25,169                 | \$17,344                 | \$16,44           |
| Basic Energy Sciences   | 4                        |                          |                   |
| Basic Energy Sciences   | \$50,516                 | \$48,489                 | \$53,262          |
| Total Basic Energy Sciences                                       | \$50,516                 | \$48,489                 | \$53,262          |
| Fusion Energy Sciences Program Fusion Energy Sciences Program     | \$5,972                  | \$6,077                  | \$6,481           |
|   |                          |                          |                   |

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#### State Table

(Dollars In Thousands)

| New Mexico  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Fusion Energy Sciences Program  | \$5,972                  | \$6,077                  | \$6,481            |
| Advanced Scientific Computing Research Advanced Scientific Computing Research                           | \$11,738                 | \$10,658                 | \$11,147           |
| Total Advanced Scientific Computing Research  | \$11,738                 | \$10,658                 | \$11,147           |
| Workforce Development for Teachers and Scientists<br>Workforce Development for Teachers and Scientists  | \$202                    | \$50                     | \$842              |
| Total Workforce Development for Teachers and Scientists   | \$202                    | \$50                     | \$842              |
| Total Science   | \$107,072                | \$96,068                 | \$104,957          |
| Weapons Activities Directed Stockpile Work Directed Stockpile Work                                      | \$636,608                | \$588,210                | \$781,523          |
| Total Directed Stockpile Work   | \$636,608                | \$588,210                | \$781,523          |
| Science Campaign  | φ030,000                 | φ500,21U                 | Φ101,023           |
| Science Campaign  | \$134,640                | \$175,949                | \$134,534          |
| Total Science Campaign  | \$134,640                | \$175,949                | \$134,534          |
| Engineering Campaign Engineering Campaign   | \$116,023                | \$128,395                | \$105,251          |
| Total Engineering Campaign  | \$116,023                | \$128,395                | \$105,251          |
| Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign | \$42,601                 | \$55,538                 | \$54,945           |
| Total Inertial Confinement Fusion and High Yield Campaig  | \$42,601                 | \$55,538                 | \$54,945           |
| Advanced Simulation & Computing Campaign<br>Advanced Simulation & Computing Campaign                    | \$348,199                | \$351,457                | \$247,832          |
| Total Advanced Simulation & Computing Campaign  | \$348,199                | \$351,457                | \$247,832          |
| Transformation Disposition Transformation Disposition   | \$0                      | \$0                      | \$23,900           |
| Total Transformation Disposition  | \$0                      | \$0                      | \$23,900           |
| Defense Nuclear Security Defense Nuclear Security   | \$190,161                | \$232,030                | \$227,206          |
| Total Defense Nuclear Security  | \$190,161                | \$232,030                | \$227,206          |
| Cyber Security Cyber Security   | \$32,195                 | \$35,820                 | \$37,285           |
| Total Cyber Security  | \$32,195                 | \$35,820                 | \$37,285           |
| Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign               | \$217,742                | \$191,275                | \$0                |
| Total Pit Manufacturing and Certification Campaign  | \$217,742                | \$191,275                | \$0                |
| Readiness Campaign<br>Readiness Campaign  | \$28,844                 | \$22,646                 | \$21,731           |

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#### State Table

| lew Mexico  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Readiness Campaign  | \$28,844                 | \$22,646                 | \$21,731           |
| Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities                         | \$587,052                | \$627,642                | \$631,120          |
| Total Readiness in Technical Base and Facilities  | \$587,052                | \$627,642                | \$631,120          |
| Secure Transportation Asset Secure Transportation Asset   | \$166,436                | \$174,522                | \$181,636          |
| Total Secure Transportation Asset   | \$166,436                | \$174,522                | \$181,636          |
| Nuclear Weapons Incident Response  Nuclear Weapons Incident Response  | \$36,823                 | \$56,569                 | \$91,265           |
| Total Nuclear Weapons Incident Response   | \$36,823                 | \$56,569                 | \$91,265           |
| Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program | \$50,453                 | \$47,903                 | \$50,506           |
| Total Facilities and Infrastructure Recapitalization Program  | \$50,453                 | \$47,903                 | \$50,506           |
| Environmental Projects and Operations Program Environmental Projects and Operations Program                   | \$0                      | \$1,500                  | \$7,251            |
| Total Environmental Projects and Operations Program   | \$0                      | \$1,500                  | \$7,251            |
| Congressionally Directed Projects Congressionally Directed Projects   | \$0                      | \$27,581                 | \$0                |
| Total Congressionally Directed Projects   | \$0                      | \$27,581                 | \$0                |
| Total Weapons Activities  | \$2,587,777              | \$2,717,037              | \$2,595,985        |
| Other Defense Activities  |                          |                          |                    |
| Environment, Safety, and Health Environment, Safety, and Health   | \$1,104                  | \$0                      | \$0                |
| Total Environment, Safety, and Health   | \$1,104                  | \$0                      | \$0                |
| Security and Safety Performance Assurance Nuclear Safeguards and Security Security Investigations             | \$27,429<br>\$24,020     | \$0<br>\$0               | \$0<br>\$0         |
| Total Security and Safety Performance Assurance   | \$51,449                 | \$0                      | \$0                |
| Health Safety and Security  Health Safety and Security (All other)  | \$0                      | \$28,486                 | \$24,408           |
| Total Health Safety and Security  | \$0                      | \$28,486                 | \$24,408           |
| Total Other Defense Activities  | \$52,553                 | \$28,486                 | \$24,408           |
| Defense Nuclear Nonproliferation  Nonproliferation and Verification R&D                                       |                          | •                        | •                  |
| Nonproliferation and Verification R&D   | \$154,331                | \$224,897                | \$166,181          |
| Total Nonproliferation and Verification R&D   | \$154,331                | \$224,897                | \$166,181          |
| Nonproliferation and International Security  Nonproliferation and International Security                      | \$43,379                 | \$50,474                 | \$47,267           |

(Dollars In Thousands)

State Table

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| ew Mexico  | FY 2007<br>Appropriation | FY 2008<br>Appropriation      | FY 2009<br>Request                |
|--|--------------------------|-------------------------------|-----------------------------------|
| Total Nonproliferation and International Security  | \$43,379                 | \$50,474                      | \$47,267                          |
| Non Proliferation Programs with Russia<br>International Nuclear Materials Protection & Cooperatio<br>Elimination of Weapons -Grade Plutonium Production P<br>Fissile Materials Disposition |                          | \$329,030<br>\$171,593<br>\$0 | \$220,153<br>\$134,646<br>\$1,500 |
| Total Non Proliferation Programs with Russia   | \$561,869                | \$500,623                     | \$356,299                         |
| Global Threat Reduction Initiative Global Threat Reduction Initiative  | \$59,213                 | \$101,184                     | \$116,200                         |
| Total Global Threat Reduction Initiative   | \$59,213                 | \$101,184                     | \$116,200                         |
| Congrssionally Directed Projects Congrssionally Directed Projects  | \$0                      | \$7,380                       | \$0                               |
| Total Congrssionally Directed Projects   | \$0                      | \$7,380                       | \$0                               |
| Total Defense Nuclear Nonproliferation   | \$818,792                | \$884,558                     | \$685,947                         |
| Office of the Administrator Office of the Administrator Office of the Administrator  | \$106,458                | \$103,149                     | \$113,464                         |
| Total Office of the Administrator  | \$106,458                | \$103,149                     | \$113,464                         |
| Cogressionally Directed Projects Cogressionally Directed Projects  | \$0                      | \$22,140                      | \$0                               |
| Total Cogressionally Directed Projects   | \$0                      | \$22,140                      | \$0                               |
| Total Office of the Administrator  | \$106,458                | \$125,289                     | \$113,464                         |
| Departmental Administration Cost of Work for Others Cost of Work for Others  | \$38,823                 | \$39,253                      | \$7,150                           |
| Total Cost of Work for Others  | \$38,823                 | \$39,253                      | \$7,150                           |
| Total Departmental Administration  | \$38,823                 | \$39,253                      | \$7,150                           |
| Office of the Inspector General Office of the Inspector General  |                          | <b>*</b>                      | <b>A-</b> 00-                     |
| Office of the Inspector General  Total Office of the Inspector General   | \$4,671                  | \$4,846                       | \$5,637                           |
| ·  | \$4,671                  | \$4,846                       | \$5,637                           |
| Total Office of the Inspector General  Western Area Power Admin. Const., Rehab., O&M  Systems Operation and Maintenance  | \$4,671                  | \$4,846                       | \$5,637                           |
| Systems Operation and Maintenance Systems Operation and Maintenance  | \$2                      | \$2                           | \$37                              |
| Total Systems Operation and Maintenance  | \$2                      | \$2                           | \$37                              |
| Total Western Area Power Admin. Const., Rehab., O&M Colorado River Basins Power Marketing Fund   | \$2                      | \$2                           | \$37                              |

## Department Of Energy

FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| ew Mexico  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Equipment, Contracts and Other Related Expenses Colorado River Storage Project                   | \$18,392                 | \$29,636                 | \$28,807           |
| Total Equipment, Contracts and Other Related Expenses  | \$18,392                 | \$29,636                 | \$28,807           |
| Program Direction Program Direction  | \$540                    | \$531                    | \$579              |
| Total Program Direction  | \$540                    | \$531                    | \$579              |
| Total Colorado River Basins Power Marketing Fund   | \$18,932                 | \$30,167                 | \$29,386           |
| Fossil Energy Research and Development Fuels and Other Power Systems Carbon Sequestration        | \$4,190                  | \$11,168                 | \$11,100           |
| Fuels  | \$50                     | \$0                      | \$0                |
| Advanced Research  | \$350                    | \$124                    | \$50               |
| Total Fuels and Other Power Systems  | \$4,590                  | \$11,292                 | \$11,150           |
| Congressionally Directed Projects Congressionally Directed Projects                              | \$0                      | \$2,392                  | \$0                |
| Total Congressionally Directed Projects  | \$0                      | \$2,392                  | \$0                |
| Total Fossil Energy Research and Development   | \$4,590                  | \$13,684                 | \$11,150           |
| Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves                    |                          |                          |                    |
| Productions Operations   | \$0                      | \$1,968                  | \$0                |
| Total Naval Petroleum and Oil Shale Reserves   | \$0                      | \$1,968                  | \$0                |
| Total Naval Petroleum and Oil Shale Reserves   | \$0                      | \$1,968                  | \$0                |
| Nuclear Waste Fund<br>Nuclear Waste Disposal   |                          | 0.47                     | <b>*</b>           |
| Repository Program Prog. Mgmt. & Int (S & T)   | \$0<br>\$75              | \$47,576<br>\$377        | \$80,100<br>\$500  |
| Total Nuclear Waste Disposal   | \$75<br>\$75             | \$47,953                 | \$80,600           |
| ·  |                          |                          |                    |
| Total Nuclear Waste Fund  Defense Nuclear Waste Disposal  Defense Nuclear Waste Disposal         | \$75                     | \$47,953                 | \$80,600           |
| Defense Nuclear Waste Disposal<br>Transportation   | \$120,000<br>\$975       | \$19,924<br>\$0          | \$49,900<br>\$0    |
| Prog. mgmt & Int (Non S & T)  Total Defense Nuclear Waste Disposal                               | \$574                    | \$0                      | \$0                |
| <u>'</u>   | \$121,549                | \$19,924                 | \$49,900           |
| Total Defense Nuclear Waste Disposal  Defense Environmental Cleanup  Waste Isolation Pilot Plant | \$121,549                | \$19,924                 | \$49,900           |
| Transportation   | \$228,818                | \$234,585                | \$211,524          |

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#### State Table

| ew Mexico  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Waste Isolation Pilot Plant                          | \$228,818                | \$234,585                | \$211,524          |
| Program Direction Program Direction                        | \$14,575                 | \$13,601                 | \$14,167           |
| Total Program Direction                                    | \$14,575                 | \$13,601                 | \$14,167           |
| NNSA Sites<br>NNSA Sites                                   | \$158,148                | \$153,567                | \$163,910          |
| Total NNSA Sites   | \$158,148                | \$153,567                | \$163,910          |
| Safeguards and Security Safeguards and Security            | \$4,232                  | \$4,882                  | \$5,124            |
| Total Safeguards and Security                              | \$4,232                  | \$4,882                  | \$5,124            |
| Total Defense Environmental Cleanup                        | \$405,773                | \$406,635                | \$394,725          |
| Strategic Petroleum Reserve Storage Facilities Development | <b>*</b> 0.700           | <b>#0.040</b>            | Ф0,000             |
| SPR - Facilities Development                               | \$2,780                  | \$2,812                  | \$2,909            |
| Total Storage Facilities Development                       | \$2,780                  | \$2,812                  | \$2,909            |
| Total Strategic Petroleum Reserve                          | \$2,780                  | \$2,812                  | \$2,909            |
| otal New Mexico  | \$4,375,097              | \$4,536,467              | \$4,227,103        |

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#### State Table

| w York   | FY 2007<br>Appropriation              | FY 2008<br>Appropriation              | FY 2009<br>Request |
|--|---------------------------------------|---------------------------------------|--------------------|
| Energy Supply and Conservation                                     |                                       |                                       | · · ·              |
| Electricity Delivery & Energy Reliability                          |                                       |                                       |                    |
| Research & Development   | \$300                                 | \$0                                   | \$0                |
| Energy Efficiency and Renewable Energy                             |                                       |                                       |                    |
| Hydrogen Technology  | \$2,095                               | \$0                                   | \$0                |
| Solar Energy   | \$470                                 | \$0                                   | \$0                |
| Vehicle Technologies   | \$680                                 | \$0                                   | \$0                |
| Industrial Technologies  | \$80                                  | \$0                                   | \$0                |
| Program Support  | \$410                                 | \$0                                   | \$0                |
| Weatherization Assistance  | \$18,010                              | \$0<br>\$0                            | \$0                |
| State Energy Program Grants International Renewable Energy Program | \$2,590<br>\$200                      | \$0<br>\$0                            | \$0<br>\$0         |
|  | •                                     | · · · · · · · · · · · · · · · · · · · |                    |
| Total Energy Efficiency and Renewable Energy                       | \$24,835                              | \$0                                   | \$0                |
| Research & Development   | <b>#</b> 40                           | <b>#</b> 0                            | Φ.                 |
| Nuclear Hydrogen Initiative  | \$42                                  | \$0<br>\$0                            | \$0                |
| Advanced Fuel Cycle Initiative                                     | \$1,041<br>\$286                      | \$0<br>\$0                            | \$0<br>\$0         |
| Generation IV Nuclear Energy Systems Initiative                    | · · · · · · · · · · · · · · · · · · · | \$0                                   | \$0                |
| Total Research & Development                                       | \$1,369                               | \$0                                   | \$0                |
| Environment, Safety and Health                                     | <b>\$</b> 50                          | <b>የ</b> ስ                            | ¢ο                 |
| Environment, Safety and Health                                     | \$50                                  | \$0                                   | \$0                |
| Total Environment, Safety and Health                               | \$50                                  | \$0                                   | \$0                |
| Infrastructure   | <b>ሲ</b>                              | <sub>ው</sub>                          | ¢ο                 |
| Radiological Facilities Management                                 | \$2,905                               | \$0                                   | \$0                |
| Total Infrastructure   | \$2,905                               | \$0                                   | \$0                |
| Total Energy Supply and Conservation                               | \$29,159                              | \$0                                   | \$0                |
| Non-Defense Environmental Cleanup                                  |                                       |                                       |                    |
| Small Sites  |                                       |                                       |                    |
| Small Sites  | \$118,451                             | \$82,338                              | \$66,033           |
| Total Small Sites  | \$118,451                             | \$82,338                              | \$66,033           |
| Total Non-Defense Environmental Cleanup                            | \$118,451                             | \$82,338                              | \$66,033           |
| Electricity Delivery and Energy Reliability                        |                                       |                                       |                    |
| Electricity Delivery and Energy Reliability                        |                                       |                                       |                    |
| Research and Development   | \$0                                   | \$400                                 | \$300              |
| Total Electricity Delivery and Energy Reliability                  | \$0                                   | \$400                                 | \$300              |
| Total Electricity Delivery and Energy Reliability                  | \$0                                   | \$400                                 | \$300              |
| Nuclear Energy   |                                       |                                       |                    |
| Research & Development   |                                       |                                       |                    |
| Nuclear Power 2010   | \$0                                   | \$67                                  | \$0                |
| Nuclear Hydrogen Initiative  | \$0                                   | \$44                                  | \$0                |
| Generation IV Nuclear Energy System Initiative                     | \$0                                   | \$167                                 | \$0                |
|  |                                       |                                       |                    |

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#### State Table

| Advanced Fuel Cycle Initiative         \$0         \$9,337           Total Research & Development         \$0         \$278         \$9,337           Total Cycle Research and Facilities         \$0         \$1,965         \$0           Total Fuel Cycle Research and Facilities         \$0         \$1,965         \$0           Infrastructure         \$0         \$3,200         \$0           Radiological Facilities Management         \$0         \$3,200         \$0           Total Nuclear Energy         \$0         \$3,200         \$0           Total Nuclear Energy         \$0         \$5,443         \$9,337           Energy Efficiency and Renewable Energy         \$0         \$5,443         \$9,337           Energy Efficiency and Renewable Energy         \$0         \$1,607         \$3,000           Yedrogen Technologies         \$0         \$600         \$680           Industrial Technologies         \$0         \$60         \$60           Progam Support         \$0         \$40         \$410           Weatherization Assistance         \$0         \$20,076         \$0           State Energy Program Grants         \$0         \$24,730         \$5,721           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         <   | ew York   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|---|--------------------------|--------------------------|--------------------|
| Fuel Cycle Research and Facilities   | Advanced Fuel Cycle Initiative  | \$0                      | \$0                      | \$9,337            |
| Fuel Cycle Research and Facilities         \$0         \$1,965         \$0           Advanced Fuel Cycle Initiative         \$0         \$1,965         \$0           Total Fuel Cycle Research and Facilities         \$0         \$1,965         \$0           Infrastructure         \$0         \$3,200         \$0           Total Infrastructure         \$0         \$3,200         \$0           Total Nuclear Energy         \$0         \$5,443         \$9,337           Energy Efficiency and Renewable Energy         \$0         \$5,443         \$9,337           Energy Efficiency and Renewable Energy         \$0         \$1,607         \$3,000           Vehicle Technologies         \$0         \$600         \$680           Industrial Technologies         \$0         \$60         \$60           Progam Support         \$0         \$400         \$410           Weatherization Assistance         \$0         \$20,076         \$0           State Energy Program Grants         \$0         \$22,076         \$0           State Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Science         High Energy Physics  |   | \$0                      | \$278                    |                    |
| Infrastructure   |   | ,                        | ·                        |                    |
| Radiological Facilities Management         \$0         \$3,200         \$0           Total Infrastructure         \$0         \$3,200         \$0           Total Nuclear Energy         \$0         \$5,443         \$9,337           Energy Efficiency and Renewable Energy         \$0         \$5,443         \$9,337           Energy Efficiency and Renewable Energy         \$0         \$1,607         \$3,000           Vehicle Technologies         \$0         \$600         \$680           Industrial Technologies         \$0         \$600         \$60           Progam Support         \$0         \$400         \$410           Weatherization Assistance         \$0         \$20,076         \$0           State Energy Program Grants         \$0         \$1,987         \$1,571           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Total Energy Physics         \$48,181         \$46,969         \$51,622           Total   | Total Fuel Cycle Research and Facilities                                      | \$0                      | \$1,965                  | \$0                |
| Total Nuclear Energy         \$0         \$5,443         \$9,337           Energy Efficiency and Renewable Energy         Energy Efficiency and Renewable Energy         \$0         \$1,607         \$3,000           Hydrogen Technology         \$0         \$600         \$680         \$600         \$680           Vehicle Technologies         \$0         \$600         \$680         \$60   |   | \$0                      | \$3,200                  | \$0                |
| Energy Efficiency and Renewable Energy   Energy Efficiency and Renewable Energy   Substitution   | Total Infrastructure  | \$0                      | \$3,200                  | \$0                |
| Energy Efficiency and Renewable Energy   | Total Nuclear Energy  | \$0                      | \$5,443                  | \$9,337            |
| Vehicle Technologies         \$0         \$600         \$680           Industrial Technologies         \$0         \$60         \$60           Progam Support         \$0         \$400         \$410           Weatherization Assistance         \$0         \$20,076         \$0           State Energy Program Grants         \$0         \$1,987         \$1,571           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Science         High Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Science         High Energy Physics         \$48,181         \$46,969         \$51,622           Total High Energy Physics         \$48,181         \$46,969         \$51,622           Nuclear Physics         \$48,181         \$46,969         \$51,622           Nuclear Physics         \$174,843         \$172,013         \$184,849           Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Basic Energy Sciences         \$25,025         \$21,344         \$18,950           Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Total Basic Energy Sciences         \$124,984         \$143,389         \$202,073   | Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy |                          |                          |                    |
| Industrial Technologies  | , ,   | -                        |                          |                    |
| Progam Support         \$0         \$400         \$410           Weatherization Assistance         \$0         \$20,076         \$0           State Energy Program Grants         \$0         \$1,987         \$1,571           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Science         High Energy Physics         \$48,181         \$46,969         \$51,622           Muclear Physics         \$48,181         \$46,969         \$51,622           Nuclear Physics         \$174,843         \$172,013         \$184,849           Total Nuclear Physics         \$174,843         \$172,013         \$184,849           Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Total Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Total Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Fusion Energy Sciences Program         \$5,939         \$6,122         \$5,992           Total Fusion Energy Sciences Program         \$5,939         \$   |   | -                        | •                        | ·                  |
| Weatherization Assistance<br>State Energy Program Grants         \$0         \$20,076         \$0           State Energy Program Grants         \$0         \$1,987         \$1,571           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Science         High Energy Physics<br>High Energy Physics<br>High Energy Physics         \$48,181         \$46,969         \$51,622           Nuclear Physics<br>Nuclear Physics<br>Nuclear Physics         \$174,843         \$172,013         \$184,849           Total Nuclear Physics<br>Nuclear Physics         \$174,843         \$172,013         \$184,849           Total Nuclear Physics<br>Nuclear Physics         \$174,843         \$172,013         \$184,849           Biological and Environmental Research<br>Biological and Environmental Research<br>Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Basic Energy Sciences<br>Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Total Basic Energy Sciences<br>Program<br>Fusion Energy Sciences Program<br>Fusion Energy Sciences Program<br>Fusion Energy Sciences Program<br>Science Laboratories Infrastructure<br>Science Laboratories Infrastructure         \$3,855         \$8,200         \$14,882   | •   |                          | ·                        |                    |
| State Energy Program Grants         \$0         \$1,987         \$1,571           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Science         ***  |   |                          | ·                        |                    |
| Total Energy Efficiency and Renewable Energy         \$0         \$24,730         \$5,721           Science         High Energy Physics         \$48,181         \$46,969         \$51,622           High Energy Physics         \$48,181         \$46,969         \$51,622           Nuclear Physics         \$174,843         \$172,013         \$184,849           Nuclear Physics         \$174,843         \$172,013         \$184,849           Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Total Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Total Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Total Basic Energy Sciences Program         \$5,939         \$6,122         \$5,992           Total Fusion Energy Sciences Program         \$5,939         \$6,122         \$5,992           Science Laboratories Infrastructure         \$3,855         \$8,200         \$14,882  |   |                          |                          | •                  |
| Science           High Energy Physics         \$48,181         \$46,969         \$51,622           Total High Energy Physics         \$48,181         \$46,969         \$51,622           Nuclear Physics         \$174,843         \$172,013         \$184,849           Total Nuclear Physics         \$174,843         \$172,013         \$184,849           Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Total Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Total Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Total Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Fusion Energy Sciences Program         \$5,939         \$6,122         \$5,992           Total Fusion Energy Sciences Program         \$5,939         \$6,122         \$5,992           Science Laboratories Infrastructure         \$3,855         \$8,200         \$14,882  |   | \$0                      | \$24,730                 | \$5,721            |
| Nuclear Physics         \$174,843         \$172,013         \$184,849           Total Nuclear Physics         \$174,843         \$172,013         \$184,849           Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Total Biological and Environmental Research Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Total Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program St,939         \$6,122         \$5,992           Total Fusion Energy Sciences Program Science Laboratories Infrastructure Science Laboratories Infrastructure         \$3,855         \$8,200         \$14,882   | Science High Energy Physics   |                          |                          |                    |
| Nuclear Physics         \$174,843         \$172,013         \$184,849           Total Nuclear Physics         \$174,843         \$172,013         \$184,849           Biological and Environmental Research<br>Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Total Biological and Environmental Research         \$25,025         \$21,344         \$18,950           Basic Energy Sciences<br>Basic Energy Sciences         \$124,984         \$143,389         \$202,073           Total Basic Energy Sciences<br>Fusion Energy Sciences Program<br>Fusion Energy Sciences Program         \$5,939         \$6,122         \$5,992           Total Fusion Energy Sciences Program<br>Science Laboratories Infrastructure<br>Science Laboratories Infrastructure         \$3,855         \$8,200         \$14,882  | Total High Energy Physics   | \$48.181                 | \$46,969                 | \$51.622           |
| Biological and Environmental Research Biological and Environmental Research S25,025 \$21,344 \$18,950  Total Biological and Environmental Research S25,025 \$21,344 \$18,950  Basic Energy Sciences Basic Energy Sciences S124,984 \$143,389 \$202,073  Total Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program S5,939 \$6,122 \$5,992  Total Fusion Energy Sciences Program Science Laboratories Infrastructure  | •   |                          |                          |                    |
| Biological and Environmental Research Biological and Environmental Research S25,025 \$21,344 \$18,950  Total Biological and Environmental Research S25,025 \$21,344 \$18,950  Basic Energy Sciences Basic Energy Sciences S124,984 \$143,389 \$202,073  Total Basic Energy Sciences Fusion Energy Sciences Program Fusion Energy Sciences Program Fusion Energy Sciences Program S5,939 \$6,122 \$5,992  Total Fusion Energy Sciences Program Science Laboratories Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure \$3,855 \$8,200 \$14,882   | Total Nuclear Physics   | \$174,843                | \$172,013                | \$184,849          |
| Basic Energy Sciences  Basic Energy Sciences  S124,984  \$143,389  \$202,073  Total Basic Energy Sciences  Fusion Energy Sciences Program  Fusion Energy Sciences Program  Fusion Energy Sciences Program  \$5,939  \$6,122  \$5,992  Total Fusion Energy Sciences Program  \$5,939  \$6,122  \$5,992  Science Laboratories Infrastructure  Science Laboratories Infrastructure  \$3,855  \$8,200  \$14,882  |   |                          |                          |                    |
| Basic Energy Sciences  Basic Energy Sciences  **Total Basic Energy Sciences  **Fusion Energy Sciences Program  Fusion Energy Sciences Program  Fusion Energy Sciences Program  **Fusion Energy Sciences Program  **Fusion Energy Sciences Program  **Span **Sp | Total Biological and Environmental Research                                   | \$25,025                 | \$21,344                 | \$18,950           |
| Fusion Energy Sciences Program Fusion Energy Sciences Program  **Total Fusion Energy Sciences Program*  Science Laboratories Infrastructure Science Laboratories Infrastructure  **St,939*  \$5,939*  \$6,122*  \$5,992*  \$5,992*  \$5,992*  \$5,992*  \$5,992*  \$14,882*  |   |                          | \$143,389                |                    |
| Fusion Energy Sciences Program Fusion Energy Sciences Program  **Total Fusion Energy Sciences Program*  Science Laboratories Infrastructure Science Laboratories Infrastructure  **St,939*  | Total Basic Energy Sciences   | \$124,984                | \$143,389                | \$202,073          |
| Science Laboratories Infrastructure Science Laboratories Infrastructure \$3,855 \$8,200 \$14,882   |   |                          |                          |                    |
| Science Laboratories Infrastructure Science Laboratories Infrastructure \$3,855 \$8,200 \$14,882   | Total Fusion Energy Sciences Program  | \$5.939                  | \$6.122                  | \$5.992            |
|  |   | . ,                      |                          | . ,                |
|  | Total Science Laboratories Infrastructure                                     | \$3,855                  | \$8,200                  | \$14,882           |

## Department Of Energy

FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| ew York  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Advanced Scientific Computing Research Advanced Scientific Computing Research  | \$2,181                  | \$2,882                  | \$2,375            |
| Total Advanced Scientific Computing Research   | \$2,181                  | \$2,882                  | \$2,375            |
| Program Direction Program Direction  | \$3,744                  | \$4,234                  | \$4,529            |
| Total Program Direction  | \$3,744                  | \$4,234                  | \$4,529            |
| Safeguards and Security Safeguards and Security  | \$10,710                 | \$10,834                 | \$11,451           |
| Total Safeguards and Security  | \$10,710                 | \$10,834                 | \$11,451           |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists                        | \$636                    | \$410                    | \$533              |
| Total Workforce Development for Teachers and Scientists  | \$636                    | \$410                    | \$533              |
| Total Science  | \$400,098                | \$416,397                | \$497,256          |
| Weapons Activities Inertial Confinement Fusion and High Yield Campaign Inertial Confinement Fusion and High Yield Campaign | \$46,399                 | \$60,480                 | \$58,302           |
| Total Inertial Confinement Fusion and High Yield Campaig   | \$46,399                 | \$60,480                 | \$58,302           |
| Readiness in Technical Base and Facilities<br>Readiness in Technical Base and Facilities                                   | \$199                    | \$165                    | \$0                |
| Total Readiness in Technical Base and Facilities   | \$199                    | \$165                    | \$0                |
| Nuclear Weapons Incident Response Nuclear Weapons Incident Response  | \$2,074                  | \$1,621                  | \$1,702            |
| Total Nuclear Weapons Incident Response  | \$2,074                  | \$1,621                  | \$1,702            |
| Total Weapons Activities   | \$48,672                 | \$62,266                 | \$60,004           |
| Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health                                   | \$76                     | \$0                      | \$0                |
| Total Environment, Safety, and Health  | \$76                     | \$0                      | \$0                |
| Security and Safety Performance Assurance Security Investigations  | \$44                     | \$0                      | \$0                |
| Total Security and Safety Performance Assurance  | \$44                     | \$0                      | \$0                |
| Health Safety and Security  Health Safety and Security (All other)   | \$0                      | \$187                    | \$184              |
| Total Health Safety and Security   | \$0                      | \$187                    | \$184              |
| Total Other Defense Activities   | \$120                    | \$187                    | \$184              |
| Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D               | \$1,350                  | \$1,845                  | \$1,335            |

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#### State Table

(Dollars In Thousands)

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| ew York   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Nonproliferation and Verification R&D   | \$1,350                  | \$1,845                  | \$1,335            |
| Nonproliferation and International Security Nonproliferation and International Security           | \$3,011                  | \$3,503                  | \$3,281            |
| Total Nonproliferation and International Security   | \$3,011                  | \$3,503                  | \$3,281            |
| Non Proliferation Programs with Russia<br>International Nuclear Materials Protection & Cooperatio | \$36,991                 | \$39,162                 | \$33,616           |
| Total Non Proliferation Programs with Russia  | \$36,991                 | \$39,162                 | \$33,616           |
| Global Threat Reduction Initiative Global Threat Reduction Initiative                             | \$697                    | \$675                    | \$767              |
| Total Global Threat Reduction Initiative  | \$697                    | \$675                    | \$767              |
| Total Defense Nuclear Nonproliferation  | \$42,049                 | \$45,185                 | \$38,999           |
| Naval Reactors Naval Reactors Development   | <b>#004.507</b>          | <b>*</b>                 | Ф000 000           |
| Naval Reactors Development  | \$301,587                | \$288,214                | \$302,800          |
| Total Naval Reactors Development  | \$301,587                | \$288,214                | \$302,800          |
| Program Direction Program Direction   | \$7,217                  | \$7,924                  | \$8,245            |
| Total Program Direction   | \$7,217                  | \$7,924                  | \$8,245            |
| Total Naval Reactors  | \$308,804                | \$296,138                | \$311,045          |
| Fossil Energy Research and Development Fuels and Other Power Systems                              |                          |                          |                    |
| Carbon Sequestration  | \$1,474                  | \$1,768                  | \$2,191            |
| Fuels<br>Advanced Research  | \$363<br>\$749           | \$439<br>\$1,403         | \$435<br>\$519     |
| Innovations for Existing Plants   | \$200                    | \$0                      | \$0                |
| Advanced Turbines   | \$3,829                  | \$10,920                 | \$8,772            |
| Total Fuels and Other Power Systems   | \$6,615                  | \$14,530                 | \$11,917           |
| Natural Gas Technologies<br>Natural Gas Technologies  | \$75                     | \$50                     | \$0                |
| Total Natural Gas Technologies  | \$75                     | \$50                     | \$0                |
| Total Fossil Energy Research and Development  | \$6,690                  | \$14,580                 | \$11,917           |
| Defense Environmental Cleanup NNSA Sites  |                          |                          |                    |
| NNSA Sites  | \$3,500                  | \$27,334                 | \$15,500           |
| Total NNSA Sites  | \$3,500                  | \$27,334                 | \$15,500           |
| Safeguards and Security Safeguards and Security   | \$1,600                  | \$1,585                  | \$1,400            |
| Total Safeguards and Security   | \$1,600                  | \$1,585                  | \$1,400            |

State Table (Dollars In Thousands)

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| New York                            | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|-------------------------------------|--------------------------|--------------------------|--------------------|
| Total Defense Environmental Cleanup | \$5,100                  | \$28,919                 | \$16,900           |
| Total New York                      | \$959,143                | \$976,583                | \$1,017,696        |

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#### State Table

(Dollars In Thousands)

| rth Carolina                                      | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation                    |                          |                          | •                 |
| Energy Efficiency and Renewable Energy            |                          |                          |                   |
| Weatherization Assistance                         | \$3,717                  | \$0                      | \$0               |
| State Energy Program Grants                       | \$1,124                  | \$0                      | \$0               |
| Total Energy Efficiency and Renewable Energy      | \$4,841                  | \$0                      | \$0               |
| Total Energy Supply and Conservation              | \$4,841                  | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy            |                          |                          |                   |
| Energy Efficiency and Renewable Energy            |                          |                          |                   |
| Weatherization Assistance                         | \$0                      | \$4,139                  | \$0               |
| State Energy Program Grants                       | \$0                      | \$772                    | \$527             |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$4,911                  | \$527             |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$4,911                  | \$527             |
| Science   |                          |                          |                   |
| High Energy Physics                               |                          |                          |                   |
| High Energy Physics                               | \$1,477                  | \$1,261                  | \$1,330           |
| Total High Energy Physics                         | \$1,477                  | \$1,261                  | \$1,330           |
| Nuclear Physics                                   |                          |                          |                   |
| Nuclear Physics                                   | \$5,633                  | \$4,884                  | \$4,796           |
| Total Nuclear Physics                             | \$5,633                  | \$4,884                  | \$4,796           |
| Biological and Environmental Research             |                          |                          |                   |
| Biological and Environmental Research             | \$4,673                  | \$3,010                  | \$2,305           |
| Total Biological and Environmental Research       | \$4,673                  | \$3,010                  | \$2,305           |
| Basic Energy Sciences                             |                          |                          |                   |
| Basic Energy Sciences                             | \$3,603                  | \$1,968                  | \$2,319           |
| Total Basic Energy Sciences                       | \$3,603                  | \$1,968                  | \$2,319           |
| Fusion Energy Sciences Program                    |                          |                          |                   |
| Fusion Energy Sciences Program                    | \$72                     | \$74                     | \$74              |
| Total Fusion Energy Sciences Program              | \$72                     | \$74                     | \$74              |
| Advanced Scientific Computing Research            |                          |                          |                   |
| Advanced Scientific Computing Research            | \$1,019                  | \$1,280                  | \$1,245           |
| Total Advanced Scientific Computing Research      | \$1,019                  | \$1,280                  | \$1,245           |
| Total Science                                     | \$16,477                 | \$12,477                 | \$12,069          |
| Southeastern Power Admin Operation & Maint.       |                          |                          |                   |
| Purchase Power and Wheeling                       |                          |                          |                   |
| Purchase Power and Wheeling                       | \$1,238                  | \$1,295                  | \$1,358           |
| Total Purchase Power and Wheeling                 | \$1,238                  | \$1,295                  | \$1,358           |
| Total Southeastern Power Admin Operation & Maint. | \$1,238                  | \$1,295                  | \$1,358           |
|   |                          |                          |                   |

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#### State Table

| North Carolina   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Fossil Energy Research and Development Fuels and Other Power Systems |                          |                          |                    |
| Carbon Sequestration   | \$880                    | \$1,288                  | \$1,010            |
| Fuels  | \$194                    | \$900                    | \$380              |
| Advanced Research  | \$452                    | \$767                    | \$547              |
| Advanced Integrated Gasification Combined Cycle                      | \$2,298                  | \$2,054                  | \$7,708            |
| Total Fuels and Other Power Systems                                  | \$3,824                  | \$5,009                  | \$9,645            |
| Total Fossil Energy Research and Development                         | \$3,824                  | \$5,009                  | \$9,645            |
| Total North Carolina   | \$26,380                 | \$23,692                 | \$23,599           |

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#### State Table

| Energy Supply and Conservation Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Grants | \$2,234<br>\$357<br>\$2,591 | \$0      |          |
|---|-----------------------------|----------|----------|
| Weatherization Assistance State Energy Program Grants   | \$357                       | ·        |          |
| State Energy Program Grants   | \$357                       | ·        |          |
|   | · ·                         | Φ0       | \$0      |
|   | ¢2 501                      | \$0      | \$0      |
| Total Energy Efficiency and Renewable Energy  | φ2,391                      | \$0      | \$0      |
| Total Energy Supply and Conservation  | \$2,591                     | \$0      | \$0      |
| Energy Efficiency and Renewable Energy  |                             |          |          |
| Energy Efficiency and Renewable Energy  |                             |          |          |
| Weatherization Assistance   | \$0                         | \$2,485  | \$0      |
| State Energy Program Grants   | \$0                         | \$241    | \$160    |
| Total Energy Efficiency and Renewable Energy  | \$0                         | \$2,726  | \$160    |
| Total Energy Efficiency and Renewable Energy  | \$0                         | \$2,726  | \$160    |
| Science   |                             |          |          |
| Biological and Environmental Research   |                             |          |          |
| Biological and Environmental Research   | \$67                        | \$0      | \$90     |
| Total Biological and Environmental Research   | \$67                        | \$0      | \$90     |
| Basic Energy Sciences   |                             |          |          |
| Basic Energy Sciences   | \$440                       | \$438    | \$98     |
| Total Basic Energy Sciences   | \$440                       | \$438    | \$98     |
| Total Science   | \$507                       | \$438    | \$188    |
| Western Area Power Admin. Const., Rehab., O&M   |                             |          |          |
| Systems Operation and Maintenance   |                             |          |          |
| Systems Operation and Maintenance   | \$68,162                    | \$83,398 | \$88,081 |
| Total Systems Operation and Maintenance   | \$68,162                    | \$83,398 | \$88,081 |
| Program Direction   |                             |          | _        |
| Program Direction   | \$7,162                     | \$7,345  | \$7,503  |
| Total Program Direction   | \$7,162                     | \$7,345  | \$7,503  |
| Total Western Area Power Admin. Const.,Rehab.,O&M   | \$75,324                    | \$90,743 | \$95,584 |
| Colorado River Basins Power Marketing Fund  |                             |          |          |
| Equipment, Contracts and Other Related Expenses   |                             |          |          |
| Colorado River Storage Project  | \$10,762                    | \$6,715  | \$10,536 |
| Total Equipment, Contracts and Other Related Expenses   | \$10,762                    | \$6,715  | \$10,536 |
| Program Direction Program Direction   | \$135                       | \$133    | \$145    |
| Total Program Direction   | \$135                       | \$133    | \$145    |
| Total Colorado River Basins Power Marketing Fund  | \$10,897                    | \$6,848  | \$10,681 |
| Fossil Energy Research and Development  | ψ. 5,557                    | Ψ0,010   | ψ. 3,331 |

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#### State Table

| North Dakota                                    | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Fuels and Other Power Systems                   |                          |                          |                    |
| Carbon Sequestration                            | \$6,410                  | \$7,491                  | \$6,913            |
| Fuels   | \$2,500                  | \$0                      | \$0                |
| Innovations for Existing Plants                 | \$1,304                  | \$0                      | \$0                |
| Advanced Integrated Gasification Combined Cycle | \$2,799                  | \$400                    | \$400              |
| Total Fuels and Other Power Systems             | \$13,013                 | \$7,891                  | \$7,313            |
| Cooperative Research & Revelopment              | Φ0                       | <b>CO 447</b>            | ΦO                 |
| Cooperative Research & Development              | \$0                      | \$2,447                  | \$0                |
| Total Cooperative Research & Revelopment        | \$0                      | \$2,447                  | \$0                |
| Congressionally Directed Projects               |                          |                          |                    |
| Congressionally Directed Projects               | \$0                      | \$6,697                  | \$0                |
| Total Congressionally Directed Projects         | \$0                      | \$6,697                  | \$0                |
| Total Fossil Energy Research and Development    | \$13,013                 | \$17,035                 | \$7,313            |
| Total North Dakota                              | \$102,332                | \$117,790                | \$113,926          |

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#### State Table

| Northern Mariana Isl  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation Energy Efficiency and Renewable Energy   |                          |                          |                    |
| State Energy Program Grants   | \$253                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy  | \$253                    | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$253                    | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy<br>Energy Efficiency and Renewable Energy<br>State Energy Program Grants | \$0                      | \$166                    | \$105              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$166                    | \$105              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$166                    | \$105              |
| Total Northern Mariana Isl  | \$253                    | \$166                    | \$105              |

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#### State Table

(Dollars In Thousands)

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| nio   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                          |                          |                          |                    |
| Energy Efficiency and Renewable Energy                  |                          |                          |                    |
| Weatherization Assistance                               | \$12,270                 | \$0                      | \$0                |
| State Energy Program Grants                             | \$1,818                  | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy            | \$14,088                 | \$0                      | \$0                |
| Office of Legacy Management Office of Legacy Management | \$12,239                 | \$0                      | \$0                |
| Total Office of Legacy Management                       | \$12,239                 | \$0                      | \$0                |
| Total Energy Supply and Conservation                    | \$26,327                 | \$0                      | \$0                |
| Non-Defense Environmental Cleanup                       |                          |                          |                    |
| Gaseous Diffusion Plants                                | <b>^-</b> 4 000          | <b>*</b>                 | <b>4.0.00</b>      |
| Gaseous Diffusion Plants                                | \$74,026                 | \$20,565                 | \$42,337           |
| Total Gaseous Diffusion Plants                          | \$74,026                 | \$20,565                 | \$42,337           |
| Closure Sites Closure Sites                             | \$599                    | \$1,189                  | \$1,100            |
| Total Closure Sites                                     | ·                        |                          |                    |
| - Total Glosule Sites                                   | \$599                    | \$1,189                  | \$1,100            |
| Total Non-Defense Environmental Cleanup                 | \$74,625                 | \$21,754                 | \$43,437           |
| Legacy Management                                       |                          |                          |                    |
| Legacy Management                                       | ΦO                       | <b>#40.040</b>           | ¢0                 |
| Legacy Management                                       | \$0                      | \$10,210                 | \$0                |
| Total Legacy Management                                 | \$0                      | \$10,210                 | \$0                |
| Total Legacy Management                                 | \$0                      | \$10,210                 | \$0                |
| Energy Efficiency and Renewable Energy                  |                          |                          |                    |
| Energy Efficiency and Renewable Energy                  |                          |                          |                    |
| Weatherization Assistance                               | \$0                      | \$13,677                 | \$0                |
| State Energy Program Grants                             | \$0                      | \$1,349                  | \$1,024            |
| Total Energy Efficiency and Renewable Energy            | \$0                      | \$15,026                 | \$1,024            |
| Total Energy Efficiency and Renewable Energy            | \$0                      | \$15,026                 | \$1,024            |
| Uranium Enrichment Decon. & Decom. Fund                 |                          |                          |                    |
| Uranium Enrichment D&D Fund                             |                          |                          |                    |
| Uranium Enrichment D&D Fund                             | \$151,320                | \$204,548                | \$200,224          |
| Total Uranium Enrichment D&D Fund                       | \$151,320                | \$204,548                | \$200,224          |
| Total Uranium Enrichment Decon. & Decom. Fund           | \$151,320                | \$204,548                | \$200,224          |
| Science   |                          |                          |                    |
| High Energy Physics                                     |                          |                          |                    |
| High Energy Physics                                     | \$3,650                  | \$3,212                  | \$3,242            |
| Total High Energy Physics                               | \$3,650                  | \$3,212                  | \$3,242            |

## Department Of Energy

FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| io   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|--|--------------------------|--------------------------|-------------------|
| Nuclear Physics  |                          | • • •                    | •                 |
| Nuclear Physics  | \$1,689                  | \$1,513                  | \$1,53°           |
| Total Nuclear Physics  | \$1,689                  | \$1,513                  | \$1,53°           |
| Biological and Environmental Research Biological and Environmental Research              | \$1,122                  | \$400                    | \$22              |
| Total Biological and Environmental Research  | \$1,122                  | \$400                    | \$22 <sup>-</sup> |
| Basic Energy Sciences Basic Energy Sciences  | \$4,910                  | \$3,787                  | \$2,84            |
| Total Basic Energy Sciences  | \$4,910                  | \$3,787                  | \$2,840           |
| Advanced Scientific Computing Research Advanced Scientific Computing Research            | \$671                    | \$1,102                  | \$1,072           |
| Total Advanced Scientific Computing Research   | \$671                    | \$1,102                  | \$1,072           |
| Total Science  | \$12,042                 | \$10,014                 | \$8,906           |
| Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health | \$60                     | \$0                      | \$(               |
| Total Environment, Safety, and Health  | \$60                     | \$0                      | \$(               |
| Office of Legacy Management Office of Legacy Management                                  | \$0                      | \$21,786                 | \$26,047          |
| Total Office of Legacy Management  | \$0                      | \$21,786                 | \$26,047          |
| Health Safety and Security  Health Safety and Security (All other)                       | \$0                      | \$20                     | \$70              |
| Total Health Safety and Security   | \$0                      | \$20                     | \$70              |
| Total Other Defense Activities   | \$60                     | \$21,806                 | \$26,117          |
| Fossil Energy Research and Development<br>Fuels and Other Power Systems                  |                          |                          |                   |
| Carbon Sequestration   | \$5,055                  | \$11,005                 | \$18,166          |
| Fuels  | \$417                    | \$500                    | \$233             |
| Advanced Research Advanced Turbines  | \$1,691<br>\$414         | \$2,900<br>\$172         | \$1,790<br>\$160  |
| Total Fuels and Other Power Systems  | \$7,577                  | \$14,577                 | \$20,349          |
| Congressionally Directed Projects  | Ψί,στί                   | Ψ14,077                  | Ψ20,04            |
| Congressionally Directed Projects  | \$0                      | \$2,153                  | \$(               |
| Total Congressionally Directed Projects  | \$0                      | \$2,153                  | \$0               |
| Total Fossil Energy Research and Development   | \$7,577                  | \$16,730                 | \$20,349          |
| Defense Environmental Cleanup Closure Sites  | <b>*</b> 4 00=           | <b>*</b>                 | <b>.</b>          |
| Ashtabula  | \$1,295                  | \$292                    | \$0               |

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#### State Table

| Ohio  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request  |
|---|--------------------------|--------------------------|---------------------|
| Fernald<br>Miamisburg                           | \$308,202<br>\$40,228    | \$2,585<br>\$33,079      | \$4,119<br>\$32,462 |
| Total Closure Sites                             | \$349,725                | \$35,956                 | \$36,581            |
| Program Direction Program Direction             | \$41,076                 | \$42,279                 | \$40,202            |
| Total Program Direction                         | \$41,076                 | \$42,279                 | \$40,202            |
| Safeguards and Security Safeguards and Security | \$16,019                 | \$0                      | \$0                 |
| Total Safeguards and Security                   | \$16,019                 | \$0                      | \$0                 |
| Total Defense Environmental Cleanup             | \$406,820                | \$78,235                 | \$76,783            |
| Total Ohio                                      | \$678,771                | \$378,323                | \$376,840           |

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Table

#### State Table

| ahoma   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                    |                          |                          |                    |
| Energy Efficiency and Renewable Energy            |                          |                          |                    |
| Weatherization Assistance                         | \$2,319                  | \$0                      | \$C                |
| State Energy Program Grants                       | \$701                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy      | \$3,020                  | \$0                      | \$0                |
| Total Energy Supply and Conservation              | \$3,020                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy            |                          |                          |                    |
| Energy Efficiency and Renewable Energy            |                          |                          |                    |
| Weatherization Assistance                         | \$0                      | \$2,580                  | \$0                |
| State Energy Program Grants                       | \$0                      | \$481                    | \$329              |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$3,061                  | \$329              |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$3,061                  | \$329              |
| Science   |                          |                          |                    |
| High Energy Physics                               |                          |                          |                    |
| High Energy Physics                               | \$1,027                  | \$659                    | \$928              |
| Total High Energy Physics                         | \$1,027                  | \$659                    | \$928              |
| Biological and Environmental Research             |                          |                          |                    |
| Biological and Environmental Research             | \$2,029                  | \$1,352                  | \$1,009            |
| Total Biological and Environmental Research       | \$2,029                  | \$1,352                  | \$1,009            |
| Basic Energy Sciences                             |                          |                          |                    |
| Basic Energy Sciences                             | \$1,495                  | \$919                    | \$874              |
| Total Basic Energy Sciences                       | \$1,495                  | \$919                    | \$874              |
| Fusion Energy Sciences Program                    |                          |                          |                    |
| Fusion Energy Sciences Program                    | \$137                    | \$230                    | \$237              |
| Total Fusion Energy Sciences Program              | \$137                    | \$230                    | \$237              |
| Total Science                                     | \$4,688                  | \$3,160                  | \$3,048            |
| Southwestern Power Admin Operation & Maint.       |                          |                          |                    |
| Systems Operation and Maintenance                 |                          |                          |                    |
| Systems Operation and Maintenance                 | \$1,790                  | \$4,421                  | \$4,401            |
| Total Systems Operation and Maintenance           | \$1,790                  | \$4,421                  | \$4,401            |
| SWPA Construction                                 |                          |                          |                    |
| Construction                                      | \$1,204                  | \$993                    | \$1,495            |
| Total SWPA Construction                           | \$1,204                  | \$993                    | \$1,495            |
| Program Direction                                 |                          |                          |                    |
| Program Direction                                 | \$16,349                 | \$17,280                 | \$19,371           |
| Total Program Direction                           | \$16,349                 | \$17,280                 | \$19,371           |
| Total Southwestern Power Admin Operation & Maint. | \$19,343                 | \$22,694                 | \$25,267           |
| -   |                          |                          |                    |

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#### State Table

| klahoma  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Fossil Energy Research and Development Petroleum - Oil Technologies                |                          |                          |                    |
| Oil Technology   | \$1,148                  | \$1,100                  | \$0                |
| Total Petroleum - Oil Technologies   | \$1,148                  | \$1,100                  | \$0                |
| Fossil Energy Environmental Restoration<br>Fossil Energy Environmental Restoration | \$15                     | \$15                     | \$15               |
| Total Fossil Energy Environmental Restoration                                      | \$15                     | \$15                     | \$15               |
| Total Fossil Energy Research and Development                                       | \$1,163                  | \$1,115                  | \$15               |
| Strategic Petroleum Reserve Storage Facilities Development                         |                          |                          |                    |
| SPR - Facilities Development   | \$897                    | \$927                    | \$939              |
| Total Storage Facilities Development   | \$897                    | \$927                    | \$939              |
| Total Strategic Petroleum Reserve  | \$897                    | \$927                    | \$939              |
| otal Oklahoma  | \$29,111                 | \$30,957                 | \$29,598           |

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#### State Table

(Dollars In Thousands)

| egon  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Francis Complete and Companyation   | Арргорпацоп              | Арргорпацоп              | rteques            |
| Energy Supply and Conservation Energy Efficiency and Renewable Energy Weatherization Assistance State Energy Program Grants | \$2,524<br>\$638         | \$0<br>\$0               | \$0<br>\$0         |
| Total Energy Efficiency and Renewable Energy  | \$3,162                  | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$3,162                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy Weatherization Assistance                     | \$0                      | \$2,808                  | \$(                |
| State Energy Program Grants   | \$0                      | \$441                    | \$305              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$3,249                  | \$305              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$3,249                  | \$305              |
| Science High Energy Physics High Energy Physics   | \$2,440                  | \$396                    | \$900              |
| Total High Energy Physics   |                          | •                        |                    |
| Nuclear Physics   | \$2,440                  | \$396                    | \$900              |
| Nuclear Physics   | \$218                    | \$210                    | \$195              |
| Total Nuclear Physics   | \$218                    | \$210                    | \$195              |
| Biological and Environmental Research Biological and Environmental Research   | \$4,004                  | \$2,814                  | \$2,621            |
| Total Biological and Environmental Research   | \$4,004                  | \$2,814                  | \$2,621            |
| Basic Energy Sciences Basic Energy Sciences   | \$1,050                  | \$1,023                  | \$1,064            |
| Total Basic Energy Sciences   | \$1,050                  | \$1,023                  | \$1,064            |
| Advanced Scientific Computing Research Advanced Scientific Computing Research   | \$1,238                  | \$787                    | \$997              |
| Total Advanced Scientific Computing Research  | \$1,238                  | \$787                    | \$997              |
| Total Science   | \$8,950                  | \$5,230                  | \$5,777            |
| Fossil Energy Research and Development Fuels and Other Power Systems Advanced Research                                      | \$400                    | \$375                    | \$350              |
| Total Fuels and Other Power Systems   | \$400                    | \$375                    |                    |
| Program Direction Energy Technology Center Program Direction  | \$8,000                  | \$375<br>\$0             | \$350<br>\$0       |
| Total Program Direction   | \$8,000                  | \$0<br>\$0               | \$0                |
| Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration   | \$3,115                  | \$2,948                  | \$3,100            |

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## State Table

| Oregon  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Fossil Energy Environmental Restoration | \$3,115                  | \$2,948                  | \$3,100            |
| Total Fossil Energy Research and Development  | \$11,515                 | \$3,323                  | \$3,450            |
| Total Oregon                                  | \$23,627                 | \$11,802                 | \$9,532            |

## Department Of Energy

FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| Pennsylvania  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation  |                          |                          |                    |
| Energy Efficiency and Renewable Energy  |                          |                          |                    |
| Weatherization Assistance   | \$13,133                 | \$0                      | \$0                |
| State Energy Program Grants   | \$1,855                  | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy  | \$14,988                 | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$14,988                 | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy  |                          |                          |                    |
| Energy Efficiency and Renewable Energy  |                          |                          |                    |
| Weatherization Assistance   | \$0                      | \$14,638                 | \$0                |
| State Energy Program Grants   | \$0                      | \$1,373                  | \$1,040            |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$16,011                 | \$1,040            |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$16,011                 | \$1,040            |
| Science   |                          |                          |                    |
| High Energy Physics   |                          |                          |                    |
| High Energy Physics   | \$5,660                  | \$5,520                  | \$5,330            |
| Total High Energy Physics   | \$5,660                  | \$5,520                  | \$5,330            |
| Nuclear Physics   |                          |                          |                    |
| Nuclear Physics   | \$2,310                  | \$2,113                  | \$2,263            |
| Total Nuclear Physics   | \$2,310                  | \$2,113                  | \$2,263            |
| Biological and Environmental Research   |                          |                          |                    |
| Biological and Environmental Research   | \$3,974                  | \$3,187                  | \$1,706            |
| Total Biological and Environmental Research   | \$3,974                  | \$3,187                  | \$1,706            |
| Basic Energy Sciences   | •                        | <b>.</b>                 |                    |
| Basic Energy Sciences   | \$11,049                 | \$8,510                  | \$8,266            |
| Total Basic Energy Sciences   | \$11,049                 | \$8,510                  | \$8,266            |
| Fusion Energy Sciences Program  | <b>4</b> -00             |                          | <b>*</b>           |
| Fusion Energy Sciences Program  | \$729                    | \$609                    | \$607              |
| Total Fusion Energy Sciences Program  | \$729                    | \$609                    | \$607              |
| Advanced Scientific Computing Research  |                          |                          |                    |
| Advanced Scientific Computing Research  | \$878                    | \$921                    | \$1,178            |
| Total Advanced Scientific Computing Research  | \$878                    | \$921                    | \$1,178            |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists | \$475                    | \$570                    | \$633              |
| Total Workforce Development for Teachers and Scientists   | \$475                    | \$570                    | \$633              |
| Total Science   | \$25,075                 | \$21,430                 | \$19,983           |
| Other Defense Activities  | Ψ20,0.0                  | Ψ= :, :00                | <b>\$.0,000</b>    |
| Security and Safety Performance Assurance   |                          |                          |                    |
| Security Investigations   | \$395                    | \$0                      | \$0                |
| Coounty invodigations   | ψυσυ                     | ΨΟ                       | ΨΟ                 |

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### State Table

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| nnsylvania   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Security and Safety Performance Assurance                                  | \$395                    | \$0                      | \$0                |
| Health Safety and Security  Health Safety and Security (All other)               | \$0                      | \$378                    | \$394              |
| Total Health Safety and Security   | \$0                      | \$378                    | \$394              |
| Total Other Defense Activities   | \$395                    | \$378                    | \$394              |
| Naval Reactors   |                          |                          |                    |
| Naval Reactors Development   |                          |                          |                    |
| Naval Reactors Development   | \$382,585                | \$394,490                | \$427,300          |
| Total Naval Reactors Development   | \$382,585                | \$394,490                | \$427,300          |
| Program Direction  |                          |                          |                    |
| Program Direction  | \$9,731                  | \$10,357                 | \$10,905           |
| Total Program Direction  | \$9,731                  | \$10,357                 | \$10,905           |
| Total Naval Reactors   | \$392,316                | \$404,847                | \$438,205          |
| Office of the Inspector General  |                          |                          |                    |
| Office of the Inspector General  |                          |                          |                    |
| Office of the Inspector General  | \$1,223                  | \$1,492                  | \$1,599            |
| Total Office of the Inspector General  | \$1,223                  | \$1,492                  | \$1,599            |
| Total Office of the Inspector General  | \$1,223                  | \$1,492                  | \$1,599            |
| Southeastern Power Admin Operation & Maint.                                      |                          |                          |                    |
| Purchase Power and Wheeling  |                          |                          |                    |
| Purchase Power and Wheeling  | \$3,571                  | \$3,749                  | \$3,937            |
| Total Purchase Power and Wheeling  | \$3,571                  | \$3,749                  | \$3,937            |
| Total Southeastern Power Admin Operation & Maint.                                | \$3,571                  | \$3,749                  | \$3,937            |
| Fossil Energy Research and Development   |                          |                          |                    |
| Fuels and Other Power Systems  |                          |                          |                    |
| Fuel Cells   | \$0                      | \$0                      | \$10,500           |
| Carbon Sequestration   | \$12,848                 | \$13,641                 | \$7,592            |
| Fuels  | \$3,279                  | \$1,535                  | \$827              |
| Advanced Research  | \$926                    | \$972                    | \$825              |
| Innovations for Existing Plants  | \$3,447                  | \$8,182                  | \$7,010            |
| Advanced Integrated Gasification Combined Cycle                                  | \$15,363                 | \$16,802                 | \$26,092           |
| Total Fuels and Other Power Systems  | \$35,863                 | \$41,132                 | \$52,846           |
| Petroleum - Oil Technologies   | φοσ,σσσ                  | ψ···,·ο <u>-</u>         | Ψ02,0.0            |
| Oil Technology   | \$1,017                  | \$0                      | \$0                |
| Total Petroleum - Oil Technologies   | \$1,017                  | \$0                      | \$0                |
| Fossil Energy Environmental Restoration  | φ1,017                   | φυ                       | φυ                 |
| Fossil Energy Environmental Restoration  Fossil Energy Environmental Restoration | \$1,605                  | \$1,595                  | \$1,615            |
|  |                          |                          |                    |

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## State Table

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| Pennsylvania  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Fossil Energy Environmental Restoration                       | \$1,605                  | \$1,595                  | \$1,615            |
| Congressionally Directed Projects Congressionally Directed Projects | \$0                      | \$7,176                  | \$0                |
| Total Congressionally Directed Projects                             | \$0                      | \$7,176                  | \$0                |
| Total Fossil Energy Research and Development                        | \$38,485                 | \$49,903                 | \$54,461           |
| Total Pennsylvania  | \$476,053                | \$497,810                | \$519,619          |

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#### State Table

| Puerto Rico   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation Energy Efficiency and Renewable Energy   |                          |                          |                    |
| State Energy Program Grants   | \$597                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy  | \$597                    | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$597                    | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy<br>Energy Efficiency and Renewable Energy<br>State Energy Program Grants | \$0                      | \$424                    | \$304              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$424                    | \$304              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$424                    | \$304              |
| Science High Energy Physics   |                          |                          |                    |
| High Energy Physics   | \$180                    | \$180                    | \$180              |
| Total High Energy Physics   | \$180                    | \$180                    | \$180              |
| Total Science   | \$180                    | \$180                    | \$180              |
| otal Puerto Rico  | \$777                    | \$604                    | \$484              |

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#### State Table

(Dollars In Thousands)

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| Rhode Island                                 | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation               |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$1,037                  | \$0                      | \$0                |
| State Energy Program Grants                  | \$381                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy | \$1,418                  | \$0                      | \$0                |
| Total Energy Supply and Conservation         | \$1,418                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$0                      | \$1,151                  | \$0                |
| State Energy Program Grants                  | \$0                      | \$267                    | \$187              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$1,418                  | \$187              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$1,418                  | \$187              |
| Science                                      |                          |                          |                    |
| High Energy Physics                          |                          |                          |                    |
| High Energy Physics                          | \$1,502                  | \$1,559                  | \$1,480            |
| Total High Energy Physics                    | \$1,502                  | \$1,559                  | \$1,480            |
| Biological and Environmental Research        |                          |                          |                    |
| Biological and Environmental Research        | \$56                     | \$5                      | \$0                |
| Total Biological and Environmental Research  | \$56                     | \$5                      | \$0                |
| Basic Energy Sciences                        |                          |                          |                    |
| Basic Energy Sciences                        | \$850                    | \$761                    | \$643              |
| Total Basic Energy Sciences                  | \$850                    | \$761                    | \$643              |
| Advanced Scientific Computing Research       |                          |                          |                    |
| Advanced Scientific Computing Research       | \$97                     | \$101                    | \$104              |
| Total Advanced Scientific Computing Research | \$97                     | \$101                    | \$104              |
| Total Science                                | \$2,505                  | \$2,426                  | \$2,227            |
| otal Rhode Island                            | \$3,923                  | \$3,844                  | \$2,414            |

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#### State Table

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| uth Carolina                                 | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation               |                          |                          | · ·                |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Hydrogen Technology                          | \$1,344                  | \$0                      | \$0                |
| Weatherization Assistance                    | \$1,590                  | \$0                      | \$0                |
| State Energy Program Grants                  | \$707                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy | \$3,641                  | \$0                      | \$0                |
| Research & Development                       |                          | _                        |                    |
| Nuclear Power 2010                           | \$109                    | \$0                      | \$0                |
| Nuclear Hydrogen Initiative                  | \$1,479                  | \$0                      | \$0                |
| Advanced Fuel Cycle Initiative               | \$7,613                  | \$0                      | \$0                |
| Total Research & Development                 | \$9,201                  | \$0                      | \$0                |
| Total Energy Supply and Conservation         | \$12,842                 | \$0                      | \$0                |
| Nuclear Energy                               |                          |                          |                    |
| Research & Development                       | 40                       | <b>A.</b> 0.40           | 40.00              |
| Nuclear Hydrogen Initiative                  | \$0                      | \$1,246                  | \$2,200            |
| Advanced Fuel Cycle Initiative               | \$0                      | \$0                      | \$18,675           |
| Total Research & Development                 | \$0                      | \$1,246                  | \$20,875           |
| Fuel Cycle Research and Facilities           |                          | _                        | _                  |
| Advanced Fuel Cycle Initiative               | \$0                      | \$5,243                  | \$0                |
| MOX Fuel Fabrication Facilities              | \$0                      | \$278,789                | \$0                |
| Total Fuel Cycle Research and Facilities     | \$0                      | \$284,032                | \$0                |
| Total Nuclear Energy                         | \$0                      | \$285,278                | \$20,875           |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Hydrogen Technology                          | \$0                      | \$873                    | \$2,200            |
| Weatherization Assistance                    | \$0                      | \$1,767                  | \$0                |
| State Energy Program Grants                  | \$0                      | \$476                    | \$316              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$3,116                  | \$2,516            |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$3,116                  | \$2,516            |
| Science                                      |                          |                          |                    |
| High Energy Physics                          |                          |                          |                    |
| High Energy Physics                          | \$599                    | \$530                    | \$600              |
| Total High Energy Physics                    | \$599                    | \$530                    | \$600              |
| Biological and Environmental Research        |                          |                          |                    |
| Biological and Environmental Research        | \$1,478                  | \$1,223                  | \$868              |
| Total Biological and Environmental Research  | \$1,478                  | \$1,223                  | \$868              |
| Basic Energy Sciences                        |                          |                          |                    |
| Basic Energy Sciences                        | \$2,140                  | \$2,013                  | \$2,379            |
| Total Basic Energy Sciences                  | \$2,140                  | \$2,013                  | \$2,379            |
|  |                          |                          |                    |

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#### State Table

| outh Carolina   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request   |
|---|--------------------------|--------------------------|----------------------|
| Fusion Energy Sciences Program Fusion Energy Sciences Program                                       | \$40                     | \$0                      | \$0                  |
| Total Fusion Energy Sciences Program  | \$40                     | \$0                      | \$0                  |
| Program Direction Program Direction   | \$4,165                  | \$0                      | \$0                  |
| Total Program Direction   | \$4,165                  | \$0                      | \$0                  |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists | \$0                      | \$0                      | \$314                |
| Total Workforce Development for Teachers and Scientists   | \$0                      | \$0                      | \$314                |
| Total Science   | \$8,422                  | \$3,766                  | \$4,161              |
| Weapons Activities Directed Stockpile Work  | <b>#20.20</b> C          | <b>CO2 440</b>           | <b>#404.074</b>      |
| Directed Stockpile Work  Total Directed Stockpile Work  | \$30,206                 | \$93,140                 | \$121,871            |
| Engineering Campaign Engineering Campaign   | \$30,206<br>\$2,274      | \$93,140<br>\$1,809      | \$121,871<br>\$1,669 |
| Total Engineering Campaign  | \$2,274                  |                          |                      |
| Transformation Disposition Transformation Disposition   | \$2,274                  | \$1,809<br>\$0           | \$1,669<br>\$1,275   |
| Total Transformation Disposition  | \$0                      | \$0                      | \$1,275              |
| Defense Nuclear Security Defense Nuclear Security   | \$11,463                 | \$10,842                 | \$12,420             |
| Total Defense Nuclear Security  | \$11,463                 | \$10,842                 | \$12,420             |
| Cyber Security Cyber Security   | \$1,144                  | \$2,124                  | \$3,835              |
| Total Cyber Security  | \$1,144                  | \$2,124                  | \$3,835              |
| Pit Manufacturing and Certification Campaign Pit Manufacturing and Certification Campaign           | \$1,375                  | \$425                    | \$0                  |
| Total Pit Manufacturing and Certification Campaign  | \$1,375                  | \$425                    | \$0                  |
| Readiness Campaign<br>Readiness Campaign  | \$36,020                 | \$28,948                 | \$30,923             |
| Total Readiness Campaign  | \$36,020                 | \$28,948                 | \$30,923             |
| Readiness in Technical Base and Facilities<br>Readiness in Technical Base and Facilities            | \$98,914                 | \$92,112                 | \$114,178            |
| Total Readiness in Technical Base and Facilities  | \$98,914                 | \$92,112                 | \$114,178            |
| Nuclear Weapons Incident Response Nuclear Weapons Incident Response                                 | \$2,043                  | \$2,221                  | \$2,332              |
| Total Nuclear Weapons Incident Response   | \$2,043                  | \$2,221                  | \$2,332              |

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### State Table

(Dollars In Thousands)

| outh Carolina  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request    |
|--|--------------------------|--------------------------|-----------------------|
| Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program                      | \$0                      | \$2,048                  | \$0                   |
| Total Facilities and Infrastructure Recapitalization Program   | \$0                      | \$2,048                  | \$0                   |
| Total Weapons Activities   | \$183,439                | \$233,669                | \$288,503             |
| Other Defense Activities Mixed Oxide Fuel Fabrication Facility Operations and Maintenance MOX Construction                         | \$0<br>\$0               | \$0<br>\$0               | \$19,200<br>\$417,808 |
| MOX Other Project Costs  | \$0<br>\$0               | \$0<br>\$0               | \$50,000              |
| Total Mixed Oxide Fuel Fabrication Facility  | \$0                      | \$0                      | \$487,008             |
| Environment, Safety, and Health Environment, Safety, and Health  | \$449                    | \$0                      | \$0                   |
| Total Environment, Safety, and Health  | \$449                    | \$0                      | \$0                   |
| Security and Safety Performance Assurance<br>Nuclear Safeguards and Security<br>Security Investigations                            | \$5,186<br>\$2,307       | \$0<br>\$0               | \$0<br>\$0            |
| Total Security and Safety Performance Assurance  | \$7,493                  | \$0                      | \$0                   |
| Health Safety and Security  Health Safety and Security (All other)   | \$0                      | \$7,472                  | \$5,369               |
| Total Health Safety and Security   | \$0                      | \$7,472                  | \$5,369               |
| Total Other Defense Activities   | \$7,942                  | \$7,472                  | \$492,377             |
| Defense Nuclear Nonproliferation  Nonproliferation and Verification R&D  Nonproliferation and Verification R&D                     | \$7,139                  | \$9,754                  | \$7,057               |
| Total Nonproliferation and Verification R&D  | \$7,139                  | \$9,754                  | \$7,057               |
| Nonproliferation and International Security  Nonproliferation and International Security   | \$3,035                  | \$3,531                  | \$3,307               |
| Total Nonproliferation and International Security  | \$3,035                  | \$3,531                  | \$3,307               |
| Non Proliferation Programs with Russia<br>International Nuclear Materials Protection & Cooperatio<br>Fissile Materials Disposition | \$59<br>\$353,779        | \$970<br>\$16,400        | \$672<br>\$7,000      |
| Total Non Proliferation Programs with Russia   | \$353,838                | \$17,370                 | \$7,672               |
| Global Threat Reduction Initiative Global Threat Reduction Initiative  | \$5,829                  | \$11,543                 | \$13,200              |
| Total Global Threat Reduction Initiative   | \$5,829                  | \$11,543                 | \$13,200              |
| Total Defense Nuclear Nonproliferation   | \$369,841                | \$42,198                 | \$31,236              |

Office of the Administrator
Office of the Administrator

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#### State Table

| outh Carolina   | FY 2007<br>Appropriation            | FY 2008<br>Appropriation           | FY 2009<br>Request                |
|---|-------------------------------------|------------------------------------|-----------------------------------|
| Office of the Administrator   | \$4,688                             | \$4,710                            | \$4,087                           |
| Total Office of the Administrator   | \$4,688                             | \$4,710                            | \$4,087                           |
| Total Office of the Administrator   | \$4,688                             | \$4,710                            | \$4,087                           |
| Departmental Administration Cost of Work for Others Cost of Work for Others   | \$17,054                            | \$21,310                           | \$22,570                          |
| Total Cost of Work for Others   | \$17,054                            | \$21,310                           | \$22,570                          |
| Total Departmental Administration   | \$17,054                            | \$21,310                           | \$22,570                          |
| Office of the Inspector General Office of the Inspector General Office of the Inspector General                                   | \$1,556                             | \$1,740                            | \$1,732                           |
| Total Office of the Inspector General   | \$1,556                             | \$1,740                            | \$1,732                           |
| Total Office of the Inspector General   | \$1,556                             | \$1,740                            | \$1,732                           |
| Southeastern Power Admin Operation & Maint. Purchase Power and Wheeling Purchase Power and Wheeling                               | \$180                               | \$189                              | \$198                             |
| Total Purchase Power and Wheeling   | \$180                               | \$189                              | \$198                             |
| Total Southeastern Power Admin Operation & Maint.   | \$180                               | \$189                              | \$198                             |
| Defense Environmental Cleanup Savannah River Sites 2012 Accelerated Completions 2035 Accelerated Completions Tank Farm Activities | \$244,511<br>\$280,574<br>\$617,105 | \$10,900<br>\$509,394<br>\$610,908 | \$2,032<br>\$498,651<br>\$705,742 |
| Total Savannah River Sites  | \$1,142,190                         | \$1,131,202                        | \$1,206,425                       |
| Program Direction Program Direction   | \$46,046                            | \$48,421                           | \$49,932                          |
| Total Program Direction   | \$46,046                            | \$48,421                           | \$49,932                          |
| Technology Development Technology Development   | \$1,500                             | \$0                                | \$0                               |
| Total Technology Development  | \$1,500                             | \$0                                | \$0                               |
| Safeguards and Security Safeguards and Security   | \$146,626                           | \$148,040                          | \$134,336                         |
| Total Safeguards and Security   | \$146,626                           | \$148,040                          | \$134,336                         |
| Total Defense Environmental Cleanup   | \$1,336,362                         | \$1,327,663                        | \$1,390,693                       |
| otal South Carolina   | \$1,942,326                         | \$1,931,111                        | \$2,258,948                       |

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#### State Table

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| outh Dakota   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                        |                          |                          |                    |
| Energy Efficiency and Renewable Energy                |                          |                          |                    |
| Weatherization Assistance                             | \$1,716                  | \$0                      | \$0                |
| State Energy Program Grants                           | \$344                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy          | \$2,060                  | \$0                      | \$0                |
| Total Energy Supply and Conservation                  | \$2,060                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy                |                          |                          |                    |
| Energy Efficiency and Renewable Energy                |                          |                          |                    |
| Weatherization Assistance                             | \$0                      | \$1,908                  | \$0                |
| State Energy Program Grants                           | \$0                      | \$233                    | \$157              |
| Total Energy Efficiency and Renewable Energy          | \$0                      | \$2,141                  | \$157              |
| Total Energy Efficiency and Renewable Energy          | \$0                      | \$2,141                  | \$157              |
| Western Area Power Admin. Const., Rehab., O&M         |                          |                          |                    |
| Systems Operation and Maintenance                     |                          |                          |                    |
| Systems Operation and Maintenance                     | \$16,228                 | \$14,394                 | \$13,067           |
| Total Systems Operation and Maintenance               | \$16,228                 | \$14,394                 | \$13,067           |
| Program Direction                                     |                          |                          |                    |
| Program Direction                                     | \$20,443                 | \$20,998                 | \$21,255           |
| Total Program Direction                               | \$20,443                 | \$20,998                 | \$21,255           |
| Total Western Area Power Admin. Const.,Rehab.,O&M     | \$36,671                 | \$35,392                 | \$34,322           |
| Colorado River Basins Power Marketing Fund            |                          |                          |                    |
| Equipment, Contracts and Other Related Expenses       |                          |                          |                    |
| Colorado River Storage Project                        | \$890                    | \$555                    | \$871              |
| Total Equipment, Contracts and Other Related Expenses | \$890                    | \$555                    | \$871              |
| Total Colorado River Basins Power Marketing Fund      | \$890                    | \$555                    | \$871              |
| otal South Dakota                                     | \$39,621                 | \$38,088                 | \$35,350           |

## Department Of Energy

### FY 2009 Congressional Budget

### State Table

(Dollars In Thousands)

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| nnessee  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|--|--------------------------|--------------------------|-------------------|
| Energy Supply and Concernation   | прргорпацоп              | прргорпацоп              | rtoquoc           |
| Energy Supply and Conservation Electricity Delivery & Energy Reliability |                          |                          |                   |
| Research & Development   | \$22,499                 | \$0                      | \$0               |
| Electricity Restructuring  | \$310                    | \$0                      | \$(               |
| Energy Efficiency and Renewable Energy                                   | ψυτο                     | ΨΟ                       | Ψ                 |
| Biomass and Biorefinery Systems R&D                                      | \$3,670                  | \$0                      | \$0               |
| Wind Energy  | \$383                    | \$0                      | \$(               |
| Geothermal Technology  | \$84                     | \$0                      | \$                |
| Hydrogen Technology  | \$6,210                  | \$0                      | \$                |
| Water Power  | \$0                      | \$0                      | \$                |
| Vehicle Technologies   | \$41,655                 | \$0                      | \$                |
| Building Technologies  | \$7,249                  | \$0                      | \$                |
| Industrial Technologies  | \$13,469                 | \$0<br>\$0               | \$                |
| Federal Energy Management Program  | \$2,333                  | \$0<br>\$0               | \$                |
| Program Support  | \$2,004                  | \$0<br>\$0               | \$                |
| Weatherization Assistance  | \$3,738                  | \$0<br>\$0               | \$                |
|  | \$938                    | \$0<br>\$0               | φ<br>\$           |
| State Energy Program Grants  | \$503                    |                          | φ<br>\$           |
| State Energy Activities  | \$859                    | \$0<br>\$0               |                   |
| International Renewable Energy Program                                   |                          | \$0                      | \$                |
| Total Energy Efficiency and Renewable Energy                             | \$105,904                | \$0                      | \$                |
| Research & Development   | \$480                    | \$0                      | Φ.                |
| Nuclear Hydrogen Initiative  | ·                        |                          | \$                |
| Advanced Fuel Cycle Initiative   | \$15,245<br>\$1,010      | \$0<br>\$0               | \$                |
| Generation IV Nuclear Energy Systems Initiative                          | \$1,910                  | \$0                      | \$                |
| Total Research & Development   | \$17,635                 | \$0                      | \$                |
| Environment, Safety and Health   | 0005                     |                          | •                 |
| Environment, Safety and Health   | \$605                    | \$0                      | \$                |
| Total Environment, Safety and Health                                     | \$605                    | \$0                      | \$                |
| Program Direction - NE   | <b>¢</b> 0.000           | ድር                       | œ.                |
| Program Direction - NE   | \$2,032                  | \$0                      | \$                |
| Total Program Direction - NE   | \$2,032                  | \$0                      | \$                |
| Infrastructure   | <b>#</b> 40.000          |                          | •                 |
| Radiological Facilities Management                                       | \$12,306                 | \$0                      | \$                |
| Total Infrastructure   | \$12,306                 | \$0                      | \$                |
| Total Energy Supply and Conservation                                     | \$138,482                | \$0                      | \$                |
| Electricity Delivery and Energy Reliability                              |                          |                          |                   |
| Electricity Delivery and Energy Reliability                              |                          |                          |                   |
| Research and Development   | \$0                      | \$14,449                 | \$17,60           |
| Operations and Analysis  | \$0                      | \$0                      | \$31              |
| Congressionally Directed Tech. Deployment                                | \$0                      | \$492                    | \$                |
| Total Electricity Delivery and Energy Reliability                        | \$0                      | \$14,941                 | \$17,91           |
| ,                                  | ΨΟ                       | Ψ17,571                  | Ψ17,31            |

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#### State Table

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(Dollars In Thousands)

| \$0                  |   | FY 2009<br>Request   |
|----------------------|---|--|
|                      | \$14,941  | \$17,910   |
|                      |   |  |
|                      |   |  |
| \$0                  | \$129   | \$0  |
| \$0                  | \$3,108   | \$2,440  |
| \$0                  | \$0   | \$31,102   |
| \$0                  | \$3,237   | \$33,542   |
|                      |   |  |
| \$0                  | \$24,550  | \$0  |
| \$0                  | \$24,550  | \$0  |
|                      |   |  |
| \$0                  | \$2,189   | \$1,290  |
| \$0                  | \$2,189   | \$1,290  |
| •                    | <b>.</b>  | <b>^-</b>  |
| \$0                  | \$12,178  | \$5,160  |
| \$0                  | \$12,178  | \$5,160  |
| \$0                  | \$42,154  | \$39,992   |
|                      |   |  |
|                      |   |  |
| \$0                  | \$6,200   | \$4,000  |
| \$0                  | \$576   | \$350  |
| \$0                  | \$6,416   | \$5,700  |
| \$0                  | \$3,500   | \$300  |
| \$0                  | \$42,653  | \$45,405   |
| \$0                  | \$7,672   | \$8,712  |
|                      | \$7,221   | \$7,510  |
|                      | \$2,708   | \$2,860  |
|                      | · ·   | \$2,004  |
|                      |   | \$0  |
| \$0                  | \$647   | \$446  |
| \$0                  | \$81,870  | \$77,287   |
| \$0                  | \$81,870  | \$77,287   |
|                      |   |  |
|                      |   |  |
|                      |   | \$184,230  |
| 288,911              | \$282,182   |  |
| S288,911<br>S288,911 | \$282,182<br>\$282,182  | \$184,230  |
| -                    |   | \$184,230<br>\$184,230   |
|                      | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0 \$12,178<br>\$0 \$12,178<br>\$0 \$42,154<br>\$0 \$6,200<br>\$0 \$576<br>\$0 \$6,416<br>\$0 \$3,500<br>\$0 \$42,653<br>\$0 \$7,672<br>\$0 \$7,221<br>\$0 \$2,708<br>\$0 \$115<br>\$0 \$4,162<br>\$0 \$647<br>\$0 \$81,870 |

High Energy Physics

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#### State Table

(Dollars In Thousands)

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| nessee  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| High Energy Physics   | \$1,121                  | \$945                    | \$1,035           |
| Total High Energy Physics   | \$1,121                  | \$945                    | \$1,03            |
| Nuclear Physics Nuclear Physics   | \$27,208                 | \$27,216                 | \$36,120          |
| Total Nuclear Physics   | \$27,208                 | \$27,216                 | \$36,120          |
| Biological and Environmental Research Biological and Environmental Research                         | \$56,878                 | \$67,494                 | \$68,404          |
| Total Biological and Environmental Research   | \$56,878                 | \$67,494                 | \$68,40           |
| Basic Energy Sciences Basic Energy Sciences   | \$310,167                | \$306,654                | \$318,919         |
| Total Basic Energy Sciences   | \$310,167                | \$306,654                | \$318,919         |
| Fusion Energy Sciences Program Fusion Energy Sciences Program                                       | \$81,692                 | \$30,376                 | \$233,123         |
| Total Fusion Energy Sciences Program  | \$81,692                 | \$30,376                 | \$233,123         |
| Science Laboratories Infrastructure Science Laboratories Infrastructure                             | \$8,265                  | \$14,568                 | \$19,182          |
| Total Science Laboratories Infrastructure   | \$8,265                  | \$14,568                 | \$19,18           |
| Advanced Scientific Computing Research Advanced Scientific Computing Research                       | \$95,731                 | \$90,812                 | \$98,469          |
| Total Advanced Scientific Computing Research  | \$95,731                 | \$90,812                 | \$98,469          |
| Program Direction Program Direction   | \$52,110                 | \$52,134                 | \$54,257          |
| Total Program Direction   | \$52,110                 | \$52,134                 | \$54,257          |
| Safeguards and Security Safeguards and Security   | \$28,017                 | \$27,795                 | \$29,82           |
| Total Safeguards and Security   | \$28,017                 | \$27,795                 | \$29,82°          |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists | \$1,735                  | \$1,712                  | \$3,072           |
| Total Workforce Development for Teachers and Scientists   | \$1,735                  | \$1,712                  | \$3,072           |
| otal Science  | \$662,924                | \$619,706                | \$862,402         |
| Veapons Activities Directed Stockpile Work  |                          |                          |                   |
| Directed Stockpile Work   | \$200,146                | \$210,601                | \$184,667         |
| Total Directed Stockpile Work   | \$200,146                | \$210,601                | \$184,667         |
| Science Campaign Science Campaign   | \$162                    | \$81                     | \$136             |
| Total Science Campaign  | \$162                    | \$81                     | \$136             |

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#### State Table

| Tennessee   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Engineering Campaign  | \$3,907                  | \$3,460                  | \$3,795            |
| Total Engineering Campaign  | \$3,907                  | \$3,460                  | \$3,795            |
| Advanced Simulation & Computing Campaign<br>Advanced Simulation & Computing Campaign                          | \$950                    | \$1,308                  | \$0                |
| Total Advanced Simulation & Computing Campaign  | \$950                    | \$1,308                  | \$0                |
| Transformation Disposition Transformation Disposition   | \$0                      | \$0                      | \$35,216           |
| Total Transformation Disposition  | \$0                      | \$0                      | \$35,216           |
| Defense Nuclear Security Defense Nuclear Security   | \$130,114                | \$167,461                | \$150,513          |
| Total Defense Nuclear Security  | \$130,114                | \$167,461                | \$150,513          |
| Cyber Security Cyber Security   | \$5,085                  | \$6,048                  | \$7,587            |
| Total Cyber Security  | \$5,085                  | \$6,048                  | \$7,587            |
| Pit Manufacturing and Certification Campaign<br>Pit Manufacturing and Certification Campaign                  | \$250                    | \$25                     | \$0                |
| Total Pit Manufacturing and Certification Campaign  | \$250                    | \$25                     | \$0                |
| Readiness Campaign<br>Readiness Campaign  | \$21,270                 | \$16,672                 | \$23,157           |
| Total Readiness Campaign  | \$21,270                 | \$16,672                 | \$23,157           |
| Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities                         | \$416,921                | \$431,850                | \$394,527          |
| Total Readiness in Technical Base and Facilities  | \$416,921                | \$431,850                | \$394,527          |
| Secure Transportation Asset Secure Transportation Asset   | \$3,888                  | \$3,381                  | \$3,494            |
| Total Secure Transportation Asset   | \$3,888                  | \$3,381                  | \$3,494            |
| Nuclear Weapons Incident Response  Nuclear Weapons Incident Response  | \$16,509                 | \$15,104                 | \$15,944           |
| Total Nuclear Weapons Incident Response   | \$16,509                 | \$15,104                 | \$15,944           |
| Facilities and Infrastructure Recapitalization Program Facilities and Infrastructure Recapitalization Program | \$43,687                 | \$49,948                 | \$44,601           |
| Total Facilities and Infrastructure Recapitalization Program  | \$43,687                 | \$49,948                 | \$44,601           |
| Total Weapons Activities  | \$842,889                | \$905,939                | \$863,637          |
| Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health                      | \$7,694                  | \$0                      | \$0                |
| Total Environment, Safety, and Health   | \$7,694                  | \$0                      | \$0                |
| Security and Safety Performance Assurance   | 4.,53.                   | <del>*</del> -           | 70                 |

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#### State Table

(Dollars In Thousands)

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| nnessee  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques    |
|--|--------------------------|--------------------------|----------------------|
| Nuclear Safeguards and Security Security Investigations  | \$3,258<br>\$3,434       | \$0<br>\$0               | \$0<br>\$0           |
| Total Security and Safety Performance Assurance  | \$6,692                  | \$0                      | \$0                  |
| Health Safety and Security Health Safety and Security (All other)  | \$0                      | \$13,363                 | \$14,836             |
| Total Health Safety and Security   | \$0                      | \$13,363                 | \$14,836             |
| Total Other Defense Activities   | \$14,386                 | \$13,363                 | \$14,836             |
| Defense Nuclear Nonproliferation Nonproliferation and Verification R&D Nonproliferation and Verification R&D                       | \$9,164                  | \$12,521                 | \$9,059              |
| Total Nonproliferation and Verification R&D  | \$9,164                  | \$12,521                 | \$9,059              |
| Nonproliferation and International Security Nonproliferation and International Security  | \$16,777                 | \$19,521                 | \$18,281             |
| Total Nonproliferation and International Security  | \$16,777                 | \$19,521                 | \$18,281             |
| Non Proliferation Programs with Russia<br>International Nuclear Materials Protection & Cooperatio<br>Fissile Materials Disposition | \$141,822<br>\$65,176    | \$129,278<br>\$49,535    | \$71,703<br>\$32,074 |
| Total Non Proliferation Programs with Russia   | \$206,998                | \$178,813                | \$103,777            |
| Global Threat Reduction Initiative Global Threat Reduction Initiative  | \$7,624                  | \$10,247                 | \$11,500             |
| Total Global Threat Reduction Initiative   | \$7,624                  | \$10,247                 | \$11,500             |
| Total Defense Nuclear Nonproliferation   | \$240,563                | \$221,102                | \$142,617            |
| Office of the Administrator Office of the Administrator Office of the Administrator  | \$13,971                 | \$14,084                 | \$14,903             |
| Total Office of the Administrator  | \$13,971                 | \$14,084                 | \$14,900             |
| Total Office of the Administrator  | \$13,971                 | \$14,084                 | \$14,903             |
| Departmental Administration Cost of Work for Others Cost of Work for Others  | \$9,798                  | \$13,408                 | \$10,005             |
| Total Cost of Work for Others  | \$9,798                  | \$13,408                 | \$10,005             |
| Chief Information Officer Cyber Security and Secure Communications   | \$354                    | \$375                    | \$(                  |
| Total Chief Information Officer  | \$354                    | \$375                    | \$0                  |
| Total Departmental Administration Office of the Inspector General  | \$10,152                 | \$13,783                 | \$10,00              |
| Office of the Inspector General  |                          |                          |                      |

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FY 2008

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FY 2009

#### State Table

(Dollars In Thousands)

FY 2007

| nnessee  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Office of the Inspector General  | \$3,892                  | \$4,725                  | \$5,060            |
| Total Office of the Inspector General  | \$3,892                  | \$4,725                  | \$5,060            |
| Total Office of the Inspector General  | \$3,892                  | \$4,725                  | \$5,060            |
| Fossil Energy Research and Development Fuels and Other Power Systems Advanced Research Advanced Turbines | \$4,068<br>\$411         | \$3,128<br>\$0           | \$2,836<br>\$300   |
| Total Fuels and Other Power Systems  | \$4,479                  | \$3,128                  | \$3,136            |
| Natural Gas Technologies<br>Natural Gas Technologies   | \$250                    | \$250                    | \$0                |
| Total Natural Gas Technologies   | \$250                    | \$250                    | \$0                |
| Total Fossil Energy Research and Development   | \$4,729                  | \$3,378                  | \$3,136            |
| Nuclear Waste Fund<br>Nuclear Waste Disposal<br>Prog. Mgmt. & Int (S & T)                                | \$210                    | \$243                    | \$300              |
| Total Nuclear Waste Disposal   | \$210                    | \$243                    | \$300              |
| Total Nuclear Waste Fund  Defense Nuclear Waste Disposal Defense Nuclear Waste Disposal Transportation   | \$210<br>\$233           | \$243<br>\$0             | \$300<br>\$0       |
| Prog. mgmt & Int (Non S & T)   | \$1,150                  | \$0                      | \$0                |
| Total Defense Nuclear Waste Disposal   | \$1,383                  | \$0                      | \$0                |
| Total Defense Nuclear Waste Disposal  Defense Environmental Cleanup  Oak Ridge Reservation               | \$1,383                  | \$0                      | \$0                |
| Soil and Water Remediation - Offsites  | \$214,162                | \$190,535                | \$237,670          |
| Total Oak Ridge Reservation  | \$214,162                | \$190,535                | \$237,670          |
| Program Direction Program Direction  | \$15,354                 | \$14,148                 | \$15,952           |
| Total Program Direction  | \$15,354                 | \$14,148                 | \$15,952           |
| Safeguards and Security Safeguards and Security  | \$18,900                 | \$18,322                 | \$27,020           |
| Total Safeguards and Security  | \$18,900                 | \$18,322                 | \$27,020           |
| Total Defense Environmental Cleanup  | \$248,416                | \$223,005                | \$280,642          |
| Strategic Petroleum Reserve Management for SPR Operations Management                                     | \$350                    | \$347                    | \$375              |

State Table (Dollars In Thousands)

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| Tennessee                           | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|-------------------------------------|--------------------------|--------------------------|--------------------|
| Total Management for SPR Operations | \$350                    | \$347                    | \$375              |
| Total Strategic Petroleum Reserve   | \$350                    | \$347                    | \$375              |
| Total Tennessee                     | \$2,471,258              | \$2,440,822              | \$2,517,332        |

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#### State Table

(Dollars In Thousands)

| xas   | FY 2007       | FY 2008       | FY 2009        |
|---|---------------|---------------|----------------|
|   | Appropriation | Appropriation | Reques         |
| Energy Supply and Conservation Energy Efficiency and Renewable Energy         | •             |               |                |
| Weatherization Assistance   | \$4,982       | \$0<br>\$0    | \$0            |
| State Energy Program Grants   | \$2,986       | \$0           | \$0            |
| Total Energy Efficiency and Renewable Energy                                  | \$7,968       | \$0           | \$0            |
| Total Energy Supply and Conservation  | \$7,968       | \$0           | \$0            |
| Energy Efficiency and Renewable Energy Energy Efficiency and Renewable Energy |               |               |                |
| Weatherization Assistance   | \$0           | \$5,549       | \$0            |
| State Energy Program Grants   | \$0           | \$1,938       | \$1,213        |
| Total Energy Efficiency and Renewable Energy                                  | \$0           | \$7,487       | \$1,213        |
| Total Energy Efficiency and Renewable Energy                                  | \$0           | \$7,487       | \$1,213        |
| Science   |               |               |                |
| High Energy Physics   | <b>CE 704</b> | ¢4.700        | <b>ቀ</b> ር ርዕር |
| High Energy Physics   | \$5,734       | \$4,768       | \$5,522        |
| Total High Energy Physics   | \$5,734       | \$4,768       | \$5,522        |
| Nuclear Physics Nuclear Physics   | \$4,802       | \$4,534       | \$3,988        |
| Total Nuclear Physics   | \$4,802       | \$4,534       | \$3,988        |
| Biological and Environmental Research Biological and Environmental Research   | \$1,468       | \$1,627       | \$1,085        |
| Total Biological and Environmental Research                                   | \$1,468       | \$1,627       | \$1,085        |
| Basic Energy Sciences Basic Energy Sciences                                   | \$5,436       | \$4,777       | \$4,372        |
| Total Basic Energy Sciences   | \$5,436       | \$4,777       | \$4,372        |
| Fusion Energy Sciences Program Fusion Energy Sciences Program                 | \$4,763       | \$4,913       | \$5,053        |
| Total Fusion Energy Sciences Program  |               |               |                |
| Advanced Scientific Computing Research  | \$4,763       | \$4,913       | \$5,053        |
| Advanced Scientific Computing Research  | \$2,454       | \$2,677       | \$2,648        |
| Total Advanced Scientific Computing Research                                  | \$2,454       | \$2,677       | \$2,648        |
| Total Science   | \$24,657      | \$23,296      | \$22,668       |
| Weapons Activities  |               |               |                |
| Directed Stockpile Work   |               |               |                |
| Directed Stockpile Work   | \$165,132     | \$157,035     | \$176,424      |
| Total Directed Stockpile Work   | \$165,132     | \$157,035     | \$176,424      |
| Engineering Campaign Engineering Campaign                                     | \$2,995       | \$4,260       | \$2,818        |
| Engineering Campaign  | Ψ2,333        | Ψ+,200        | ΨΖ,Ο10         |

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#### State Table

| exas   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Engineering Campaign   | \$2,995                  | \$4,260                  | \$2,818            |
| Transformation Disposition Transformation Disposition  | \$0                      | \$0                      | \$4,900            |
| Total Transformation Disposition   | \$0                      | \$0                      | \$4,900            |
| Defense Nuclear Security Defense Nuclear Security  | \$121,960                | \$150,679                | \$125,397          |
| Total Defense Nuclear Security   | \$121,960                | \$150,679                | \$125,397          |
| Cyber Security Cyber Security  | \$3,150                  | \$4,096                  | \$7,081            |
| Total Cyber Security   | \$3,150                  | \$4,096                  | \$7,081            |
| Readiness Campaign<br>Readiness Campaign   | \$11,699                 | \$8,663                  | \$4,892            |
| Total Readiness Campaign   | \$11,699                 | \$8,663                  | \$4,892            |
| Readiness in Technical Base and Facilities<br>Readiness in Technical Base and Facilities                         | \$135,864                | \$158,389                | \$152,683          |
| Total Readiness in Technical Base and Facilities   | \$135,864                | \$158,389                | \$152,683          |
| Secure Transportation Asset Secure Transportation Asset  | \$6,271                  | \$5,489                  | \$5,815            |
| Total Secure Transportation Asset  | \$6,271                  | \$5,489                  | \$5,815            |
| Nuclear Weapons Incident Response  Nuclear Weapons Incident Response   | \$1,335                  | \$890                    | \$935              |
| Total Nuclear Weapons Incident Response  | \$1,335                  | \$890                    | \$935              |
| Facilities and Infrastructure Recapitalization Program<br>Facilities and Infrastructure Recapitalization Program | \$23,797                 | \$21,041                 | \$22,184           |
| Total Facilities and Infrastructure Recapitalization Program   | \$23,797                 | \$21,041                 | \$22,184           |
| Environmental Projects and Operations Program<br>Environmental Projects and Operations Program                   | \$0                      | \$0                      | \$8,262            |
| Total Environmental Projects and Operations Program  | \$0                      | \$0                      | \$8,262            |
| Total Weapons Activities   | \$472,203                | \$510,542                | \$511,391          |
| Other Defense Activities Security and Safety Performance Assurance Nuclear Safeguards and Security               | \$210                    | \$0                      | \$0                |
| Total Security and Safety Performance Assurance  | \$210                    | \$0                      | \$0                |
| Health Safety and Security Health Safety and Security (All other)  | \$0                      | \$10                     | \$10               |
| Total Health Safety and Security   | \$0                      | \$10                     | \$10               |
| Total Other Defense Activities   | \$210                    | \$10                     | \$10               |

## Department Of Energy

FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| exas  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Defense Nuclear Nonproliferation  Nonproliferation and International Security                   | <b>#204</b>              | <b>\$277</b>             | <b>#252</b>        |
| Nonproliferation and International Security   | \$324                    | \$377                    | \$353              |
| Total Nonproliferation and International Security   | \$324                    | \$377                    | \$353              |
| Non Proliferation Programs with Russia Fissile Materials Disposition                            | \$4,600                  | \$0                      | \$0                |
| Total Non Proliferation Programs with Russia  | \$4,600                  | \$0                      | \$0                |
| Total Defense Nuclear Nonproliferation  | \$4,924                  | \$377                    | \$353              |
| Office of the Administrator Office of the Administrator Office of the Administrator             | \$12,850                 | \$12,645                 | \$13,330           |
| Total Office of the Administrator   | \$12,850                 | \$12,645                 | \$13,330           |
| Total Office of the Administrator   | \$12,850                 | \$12,645                 | \$13,330           |
| Falcon & Amistad - Operating & Maintenance Fund Falcon & Amistad Operating and Maintenance Fund | ψ12,000                  | Ψ12,040                  | ψ13,330            |
| Falcon & Amistad - Operating and Maintenance  | \$2,663                  | \$2,475                  | \$2,957            |
| Total Falcon & Amistad Operating and Maintenance Fund   | \$2,663                  | \$2,475                  | \$2,957            |
| Total Falcon & Amistad - Operating & Maintenance Fund   | \$2,663                  | \$2,475                  | \$2,957            |
| Fossil Energy Research and Development Fuels and Other Power Systems                            |                          |                          |                    |
| Carbon Sequestration  | \$615                    | \$0                      | \$0                |
| Fuels   | \$284                    | \$406                    | \$439              |
| Advanced Research   | \$100                    | \$0                      | \$0                |
| Innovations for Existing Plants   | \$3,568                  | \$0                      | \$0                |
| Total Fuels and Other Power Systems   | \$4,567                  | \$406                    | \$439              |
| Natural Gas Technologies Natural Gas Technologies   | \$667                    | \$1,153                  | \$0                |
| Total Natural Gas Technologies  | \$667                    | \$1,153                  | \$0                |
| Total Fossil Energy Research and Development  | \$5,234                  | \$1,559                  | \$439              |
| Naval Petroleum and Oil Shale Reserves  |                          |                          |                    |
| Naval Petroleum and Oil Shale Reserves  | Φ0                       | <b>#</b> 205             | <b>#</b> 0.000     |
| Management Translation April 2011 Charles December 1  | \$0                      | \$295                    | \$2,000            |
| Total Naval Petroleum and Oil Shale Reserves  | \$0                      | \$295                    | \$2,000            |
| Total Naval Petroleum and Oil Shale Reserves  | \$0                      | \$295                    | \$2,000            |
| Defense Environmental Cleanup   |                          |                          |                    |
| NNSA Sites<br>NNSA Sites  | \$23,726                 | \$20,027                 | \$0                |

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### State Table

| exas   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total NNSA Sites   | \$23,726                 | \$20,027                 | \$0                |
| Total Defense Environmental Cleanup  | \$23,726                 | \$20,027                 | \$0                |
| Strategic Petroleum Reserve Storage Facilities Development SPR - Facilities Development                | \$43,468                 | \$38,146                 | \$41,356           |
| Total Storage Facilities Development   | \$43,468                 | \$38,146                 | \$41,356           |
| Expansion Expansion  | \$0                      | \$0                      | \$55,227           |
| Total Expansion  | \$0                      | \$0                      | \$55,227           |
| Management for SPR Expansion  Management for SPR Expansion   | \$0                      | \$0                      | \$563              |
| Total Management for SPR Expansion   | \$0                      | \$0                      | \$563              |
| Total Strategic Petroleum Reserve  | \$43,468                 | \$38,146                 | \$97,146           |
| Energy Information Administration Energy Information Administration National Energy Information System | \$168                    | \$175                    | \$200              |
| Total Energy Information Administration  | \$168                    | \$175<br>\$175           | \$200              |
| Total Energy Information Administration  | \$168                    | \$175                    | \$200              |
| otal Texas   | \$598,071                | \$617,034                | \$651,707          |

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### State Table

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| designated State                                  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request  |
|---|--------------------------|--------------------------|---------------------|
| Energy Supply and Conservation                    |                          |                          |                     |
| Energy Efficiency and Renewable Energy            | <b>CO 40</b>             | ΦO                       | Ф.                  |
| Vehicle Technologies                              | \$340                    | \$0<br>\$0               | \$0                 |
| Industrial Technologies                           | \$525                    | \$0<br>\$0               | \$0                 |
| State Energy Activities                           | \$5,740                  | \$0                      | \$0                 |
| Total Energy Efficiency and Renewable Energy      | \$6,605                  | \$0                      | \$0                 |
| Total Energy Supply and Conservation              | \$6,605                  | \$0                      | \$0                 |
| Energy Efficiency and Renewable Energy            |                          |                          |                     |
| Energy Efficiency and Renewable Energy            |                          |                          |                     |
| Water Power                                       | \$0                      | \$1,800                  | <b>\$</b> C         |
| Vehicle Technologies                              | \$0                      | \$94,809                 | \$103,914           |
| Industrial Technologies                           | \$0                      | \$540                    | \$2,060             |
| Asia Pacific                                      | \$0                      | \$0                      | \$7,500             |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$97,149                 | \$113,474           |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$97,149                 | \$113,474           |
| Science   |                          |                          |                     |
| Congressionally Directed Projects                 |                          |                          |                     |
| Congressionally Directed Projects                 | \$0                      | \$123,623                | \$0                 |
| Total Congressionally Directed Projects           | \$0                      | \$123,623                | \$0                 |
| Total Science                                     | \$0                      | \$123,623                | \$0                 |
| Departmental Administration                       | ·                        |                          |                     |
| Management & Administration                       |                          |                          |                     |
| Program Direction                                 | \$24,209                 | \$28,316                 | \$29,234            |
|   |                          |                          |                     |
| Total Management & Administration                 | \$24,209                 | \$28,316                 | \$29,234            |
| Competitive Sourcing Initiative                   |                          |                          |                     |
| Competitive Sourcing Initiative                   | \$2,464                  | \$0                      | \$0                 |
| Total Competitive Sourcing Initiative             | \$2,464                  | \$0                      | \$0                 |
| Total Departmental Administration                 | \$26,673                 | \$28,316                 | \$29,234            |
| Western Area Power Admin. Const., Rehab., O&M     |                          |                          |                     |
| Systems Operation and Maintenance                 |                          |                          |                     |
| Systems Operation and Maintenance                 | \$84,249                 | \$102,947                | \$109,706           |
| Total Systems Operation and Maintenance           | \$84,249                 | \$102,947                | \$109,706           |
| Total Western Area Power Admin. Const.,Rehab.,O&M | \$84,249                 | \$102,947                | \$109,706           |
| Fossil Energy Research and Development            | <del>+</del>             | ÷,-·                     | ,,.                 |
|   |                          |                          |                     |
| Fuel Colle  | <b>PEO EO</b> 4          | <b>0</b> 45 500          | <b>#</b> 04.000     |
| Fuel Cells  | \$53,501<br>\$20,005     | \$45,590                 | \$24,800            |
| Carbon Sequestration                              | \$36,095                 | \$20,239                 | \$37,344            |
| Fuels   |                          |                          | UM 700              |
| Advanced Research                                 | \$2,034<br>\$11,740      | \$8,552<br>\$19,617      | \$1,780<br>\$12,988 |

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### State Table

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| esignated State   | FY 2007<br>Appropriation      | FY 2008<br>Appropriation       | FY 2009<br>Request             |
|---|-------------------------------|--------------------------------|--------------------------------|
| Innovations for Existing Plants Advanced Integrated Gasification Combined Cycle Advanced Turbines | \$1,288<br>\$1,043<br>\$4,460 | \$27,899<br>\$2,500<br>\$3,969 | \$32,990<br>\$2,500<br>\$6,196 |
| Total Fuels and Other Power Systems   | \$110,161                     | \$128,366                      | \$118,598                      |
| Natural Gas Technologies Natural Gas Technologies   | \$561                         | \$6,430                        | \$0                            |
| Total Natural Gas Technologies  | \$561                         | \$6,430                        | \$0                            |
| Program Direction Headquarters Program Direction  | \$14,012                      | \$12,961                       | \$11,553                       |
| Total Program Direction   | \$14,012                      | \$12,961                       | \$11,553                       |
| Petroleum - Oil Technologies<br>Oil Technology  | \$0                           | \$3,326                        | \$0                            |
| Total Petroleum - Oil Technologies  | \$0                           | \$3,326                        | \$0                            |
| Fossil Energy Environmental Restoration Fossil Energy Environmental Restoration                   | \$265                         | \$302                          | \$265                          |
| Total Fossil Energy Environmental Restoration   | \$265                         | \$302                          | \$265                          |
| Plant & Capital Equipment Plant & Capital Equipment   | \$4,000                       | \$4,955                        | \$5,000                        |
| Total Plant & Capital Equipment   | \$4,000                       | \$4,955                        | \$5,000                        |
| Clean Coal Power Initiative Clean Coal Power Initiative   | \$58,758                      | \$69,363                       | \$85,000                       |
| Total Clean Coal Power Initiative   | \$58,758                      | \$69,363                       | \$85,000                       |
| Future Gen<br>Future Gen  | \$52,504                      | \$74,317                       | \$156,000                      |
| Total Future Gen  | \$52,504                      | \$74,317                       | \$156,000                      |
| Special Recruitment Programs Special Recruitment Programs   | \$656                         | \$650                          | \$656                          |
| Total Special Recruitment Programs  | \$656                         | \$650                          | \$656                          |
| otal Fossil Energy Research and Development   | \$240,917                     | \$300,670                      | \$377,072                      |
| Undesignated State  | \$358,444                     | \$652,705                      | \$629,486                      |

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#### State Table

| ah   | FY 2007<br>Appropriation              | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|---------------------------------------|--------------------------|--------------------|
| Energy Supply and Conservation                   |                                       |                          |                    |
| Energy Efficiency and Renewable Energy           |                                       |                          |                    |
| Weatherization Assistance                        | \$1,859                               | \$0                      | \$0                |
| State Energy Program Grants                      | \$497                                 | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy     | \$2,356                               | \$0                      | \$0                |
| Total Energy Supply and Conservation             | \$2,356                               | \$0                      | \$0                |
| Non-Defense Environmental Cleanup<br>Small Sites |                                       |                          |                    |
| Small Sites                                      | \$28,056                              | \$23,734                 | \$30,513           |
| Total Small Sites                                | \$28,056                              | \$23,734                 | \$30,513           |
| Total Non-Defense Environmental Cleanup          | \$28,056                              | \$23,734                 | \$30,513           |
| Energy Efficiency and Renewable Energy           |                                       |                          |                    |
| Energy Efficiency and Renewable Energy           | <b>#</b> 0                            | <b>#0.000</b>            | Φ.                 |
| Weatherization Assistance                        | \$0<br>\$0                            | \$2,068<br>\$337         | \$0<br>\$225       |
| State Energy Program Grants                      | · · · · · · · · · · · · · · · · · · · | *                        | \$225              |
| Total Energy Efficiency and Renewable Energy     | \$0                                   | \$2,405                  | \$225              |
| Total Energy Efficiency and Renewable Energy     | \$0                                   | \$2,405                  | \$225              |
| Science  |                                       |                          |                    |
| High Energy Physics                              |                                       |                          |                    |
| High Energy Physics                              | \$55                                  | \$0                      | \$0                |
| Total High Energy Physics                        | \$55                                  | \$0                      | \$0                |
| Biological and Environmental Research            |                                       |                          |                    |
| Biological and Environmental Research            | \$1,180                               | \$630                    | \$450              |
| Total Biological and Environmental Research      | \$1,180                               | \$630                    | \$450              |
| Basic Energy Sciences                            | , , , ,                               | •                        | •                  |
| Basic Energy Sciences                            | \$1,951                               | \$1,954                  | \$1,989            |
| Total Basic Energy Sciences                      | \$1,951                               | \$1,954                  | \$1,989            |
| Fusion Energy Sciences Program                   |                                       |                          |                    |
| Fusion Energy Sciences Program                   | \$165                                 | \$241                    | \$240              |
| Total Fusion Energy Sciences Program             | \$165                                 | \$241                    | \$240              |
| Advanced Scientific Computing Research           |                                       |                          |                    |
| Advanced Scientific Computing Research           | \$337                                 | \$863                    | \$836              |
| Total Advanced Scientific Computing Research     | \$337                                 | \$863                    | \$836              |
| Total Science                                    | \$3,688                               | \$3,688                  | \$3,515            |
| Falcon & Amistad - Operating & Maintenance Fund  |                                       |                          |                    |
| Falcon & Amistad Operating and Maintenance Fund  |                                       |                          |                    |
| Falcon & Amistad - Operating and Maintenance     | \$2                                   | \$2                      | \$2                |

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#### State Table

(Dollars In Thousands)

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| tah   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Total Falcon & Amistad Operating and Maintenance Fund   | \$2                      | \$2                      | \$2                |
| Total Falcon & Amistad - Operating & Maintenance Fund   | \$2                      | \$2                      | \$2                |
| Western Area Power Admin. Const.,Rehab.,O&M Systems Operation and Maintenance Systems Operation and Maintenance           | \$6,635                  | \$7,116                  | \$7,343            |
| Total Systems Operation and Maintenance   | \$6,635                  | \$7,116                  | \$7,343            |
| Program Direction Program Direction   | \$305                    | \$7,110                  | \$362              |
| Total Program Direction   | \$305                    | \$304                    | \$362              |
| Total Western Area Power Admin. Const.,Rehab.,O&M   | \$6,940                  | \$7,420                  | \$7,705            |
| Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses Colorado River Storage Project | \$17,625                 | \$28,356                 | \$27,564           |
| Total Equipment, Contracts and Other Related Expenses   | \$17,625                 | \$28,356                 | \$27,564           |
| Program Direction Program Direction   | \$3,741                  | \$3,718                  | \$4,003            |
| Total Program Direction   | \$3,741                  | \$3,718                  | \$4,003            |
| Total Colorado River Basins Power Marketing Fund  | \$21,366                 | \$32,074                 | \$31,567           |
| Fossil Energy Research and Development Fuels and Other Power Systems  |                          |                          |                    |
| Carbon Sequestration  | \$500                    | \$0                      | \$0                |
| Advanced Research   | \$227                    | \$0                      | \$0                |
| Total Fuels and Other Power Systems   | \$727                    | \$0                      | \$0                |
| Congressionally Directed Projects  Congressionally Directed Projects  | \$0                      | \$3,349                  | \$0                |
| Total Congressionally Directed Projects   | \$0                      | \$3,349                  | \$0                |
| Total Fossil Energy Research and Development  | \$727                    | \$3,349                  | \$0                |
| otal Utah   | \$63,135                 | \$72,672                 | \$73,527           |

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### State Table

| ermont/                                      | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation               |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$1,146                  | \$0                      | \$0                |
| State Energy Program Grants                  | \$338                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy | \$1,484                  | \$0                      | \$0                |
| Total Energy Supply and Conservation         | \$1,484                  | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Weatherization Assistance                    | \$0                      | \$1,272                  | \$0                |
| State Energy Program Grants                  | \$0                      | \$233                    | \$161              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$1,505                  | \$161              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$1,505                  | \$161              |
| Science                                      |                          |                          |                    |
| Biological and Environmental Research        |                          |                          |                    |
| Biological and Environmental Research        | \$131                    | \$0                      | \$0                |
| Total Biological and Environmental Research  | \$131                    | \$0                      | \$0                |
| Basic Energy Sciences                        |                          |                          |                    |
| Basic Energy Sciences                        | \$128                    | \$110                    | \$118              |
| Total Basic Energy Sciences                  | \$128                    | \$110                    | \$118              |
| Total Science                                | \$259                    | \$110                    | \$118              |
| otal Vermont                                 | \$1,743                  | \$1,615                  | \$279              |
|  |                          |                          |                    |

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### State Table

| Virgin Islands  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Energy Supply and Conservation Energy Efficiency and Renewable Energy State Energy Program Grants               | \$277                    | \$0                      | \$0                |
| Total Energy Efficiency and Renewable Energy  | \$277                    | \$0                      | \$0                |
| Total Energy Supply and Conservation  | \$277                    | \$0                      | \$0                |
| Energy Efficiency and Renewable Energy<br>Energy Efficiency and Renewable Energy<br>State Energy Program Grants | \$0                      | \$179                    | \$112              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$179                    | \$112              |
| Total Energy Efficiency and Renewable Energy  | \$0                      | \$179                    | \$112              |
| Total Virgin Islands  | \$277                    | \$179                    | \$112              |

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#### State Table

(Dollars In Thousands)

| \$3,591<br>\$1,082<br>\$4,673<br>\$4,673 | \$0<br>\$0<br>\$0   |  |
|--|---|--|
| \$1,082<br>\$4,673                       | \$0   | \$0<br>\$0   |
| \$1,082<br>\$4,673                       | \$0   |  |
| \$4,673                                  |   | \$0  |
|  | \$0   |  |
| \$4,673                                  |   | \$0  |
|  | \$0   | \$0  |
|  |   |  |
|  |   |  |
|  |   | \$0  |
| \$0                                      | \$760   | \$538  |
| \$0                                      | \$4,758   | \$538  |
| \$0                                      | \$4,758   | \$538  |
|  |   |  |
|  |   |  |
| \$3,428                                  | \$2,307   | \$3,691  |
| \$3,428                                  | \$2,307   | \$3,691  |
|  |   |  |
| \$93,404                                 | \$96,919  | \$119,502  |
| \$93,404                                 | \$96,919  | \$119,502  |
|  |   |  |
| \$2,978                                  | \$2,803   | \$2,199  |
| \$2,978                                  | \$2,803   | \$2,199  |
|  |   |  |
| \$3,520                                  | \$2,755   | \$2,785  |
| \$3,520                                  | \$2,755   | \$2,785  |
|  |   |  |
| \$2,292                                  | \$2,264   | \$2,370  |
| \$2,292                                  | \$2,264   | \$2,370  |
| •  | •   |  |
| \$0                                      | \$0   | \$3,700  |
| \$0                                      | \$0   | \$3,700  |
| <b>#44.000</b>                           | <b>#4.047</b>   | <b>644707</b>  |
|  |   | \$14,737   |
| \$14,269                                 | \$1,317   | \$14,737   |
| \$3,549                                  | \$1,872   | \$1,965  |
|  |   | \$1,965  |
| ΨΟ,Ο+Θ                                   | Ψ1,072  | ψ1,300   |
|  | \$0<br>\$3,428<br>\$3,428<br>\$93,404<br>\$93,404<br>\$2,978<br>\$2,978<br>\$3,520<br>\$3,520<br>\$3,520<br>\$2,292<br>\$2,292<br>\$2,292 | \$0 \$760<br>\$0 \$4,758<br>\$0 \$4,758<br>\$3,428 \$2,307<br>\$3,428 \$2,307<br>\$93,404 \$96,919<br>\$93,404 \$96,919<br>\$2,978 \$2,803<br>\$2,978 \$2,803<br>\$2,978 \$2,803<br>\$3,520 \$2,755<br>\$3,520 \$2,755<br>\$3,520 \$2,755<br>\$2,292 \$2,264<br>\$2,292 \$2,264<br>\$1,317<br>\$14,269 \$1,317<br>\$14,269 \$1,317<br>\$14,269 \$1,317 |

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#### State Table

| rginia  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Safeguards and Security   | \$1,376                  | \$1,376                  | \$1,411            |
| Total Safeguards and Security   | \$1,376                  | \$1,376                  | \$1,411            |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists | \$359                    | \$100                    | \$448              |
| Total Workforce Development for Teachers and Scientists   | \$359                    | \$100                    | \$448              |
| Total Science   | \$125,175                | \$111,713                | \$152,808          |
| Fossil Energy Research and Development Fuels and Other Power Systems                                |                          |                          |                    |
| Carbon Sequestration  | \$250                    | \$0                      | \$0                |
| Fuels   | \$500                    | \$0                      | \$0                |
| Advanced Research   | \$220                    | \$100                    | \$100              |
| Advanced Integrated Gasification Combined Cycle   | \$299                    | \$100                    | \$200              |
| Total Fuels and Other Power Systems   | \$1,269                  | \$200                    | \$300              |
| Congressionally Directed Projects Congressionally Directed Projects                                 | \$0                      | \$957                    | \$0                |
| Total Congressionally Directed Projects   | \$0                      | \$957                    | \$0                |
| Total Fossil Energy Research and Development  | \$1,269                  | \$1,157                  | \$300              |
| Energy Information Administration   |                          |                          |                    |
| Energy Information Administration   |                          |                          |                    |
| National Energy Information System  | \$3,043                  | \$3,155                  | \$4,100            |
| Total Energy Information Administration   | \$3,043                  | \$3,155                  | \$4,100            |
| Total Energy Information Administration   | \$3,043                  | \$3,155                  | \$4,100            |
| otal Virginia   | \$134,160                | \$120,783                | \$157,746          |

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### State Table

(Dollars In Thousands)

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| ashington   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation                    |                          |                          | '                 |
| Electricity Delivery & Energy Reliability         |                          |                          |                   |
| Research & Development                            | \$5,775                  | \$0                      | \$(               |
| Electricity Restructuring                         | \$700                    | \$0                      | \$(               |
| Energy Efficiency and Renewable Energy            | 4                        | **                       | •                 |
| Biomass and Biorefinery Systems R&D               | \$7,000                  | \$0                      | \$(               |
| Hydrogen Technology                               | \$6,649                  | \$0                      | \$(               |
| Water Power                                       | \$0                      | \$0                      | \$                |
| Vehicle Technologies                              | \$7,197                  | \$0                      | \$                |
| Building Technologies                             | \$12,203                 | \$0                      | \$                |
| Industrial Technologies                           | \$775                    | \$0                      | \$                |
| Federal Energy Management Program                 | \$1,649                  | \$0                      | \$                |
| Program Support                                   | \$1,101                  | \$0                      | \$                |
| Weatherization Assistance                         | \$4,057                  | \$0                      | \$                |
| State Energy Program Grants                       | \$895                    | \$0                      | \$                |
| International Renewable Energy Program            | \$200                    | \$0                      | \$                |
| Total Energy Efficiency and Renewable Energy      | \$48,201                 | \$0                      | \$                |
| Research & Development                            |                          |                          |                   |
| Advanced Fuel Cycle Initiative                    | \$1,574                  | \$0                      | \$                |
| Total Research & Development                      | \$1,574                  | \$0                      | \$                |
| Environment, Safety and Health                    |                          |                          |                   |
| Environment, Safety and Health                    | \$335                    | \$0                      | \$(               |
| Total Environment, Safety and Health              | \$335                    | \$0                      | \$0               |
| Total Energy Supply and Conservation              | \$50,110                 | \$0                      | \$                |
| Non-Defense Environmental Cleanup                 |                          |                          |                   |
| Fast Flux Test Reactor Facility                   |                          |                          |                   |
| Fast Flux Test Reactor Facility                   | \$34,843                 | \$10,248                 | \$10,75           |
| Total Fast Flux Test Reactor Facility             | \$34,843                 | \$10,248                 | \$10,75           |
| Total Non-Defense Environmental Cleanup           | \$34,843                 | \$10,248                 | \$10,75           |
| Electricity Delivery and Energy Reliability       |                          |                          |                   |
| Electricity Delivery and Energy Reliability       |                          |                          |                   |
| Research and Development                          | \$0                      | \$2,040                  | \$8,10            |
| Operations and Analysis                           | \$0                      | \$15                     | \$40              |
| Total Electricity Delivery and Energy Reliability | \$0                      | \$2,055                  | \$8,50            |
| Total Electricity Delivery and Energy Reliability | \$0                      | \$2,055                  | \$8,50            |
| Nuclear Energy                                    | ·                        | •                        | . ,               |
| Research & Development                            |                          |                          |                   |
| Advanced Fuel Cycle Initiative                    | \$0                      | \$0                      | \$3,11            |
| Total Research & Development                      | \$0                      | \$0                      | \$3,11            |
| Fuel Cycle Research and Facilities                | **                       | <b>*</b> -               | +-,               |

## Department Of Energy

FY 2009 Congressional Budget

#### State Table

(Dollars In Thousands)

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| ashington                                    | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Advanced Fuel Cycle Initiative               | \$0                      | \$2,865                  | \$0                |
| Total Fuel Cycle Research and Facilities     | \$0                      | \$2,865                  | \$0                |
| Total Nuclear Energy                         | \$0                      | \$2,865                  | \$3,112            |
| Energy Efficiency and Renewable Energy       |                          |                          |                    |
| Energy Efficiency and Renewable Energy       |                          | <b>.</b>                 |                    |
| Biomass and Biorefinery Systems R&D          | \$0                      | \$6,500                  | \$6,500            |
| Hydrogen Technology                          | \$0                      | \$4,086                  | \$5,700            |
| Water Power                                  | \$0                      | \$500                    | \$300              |
| Vehicle Technologies                         | \$0                      | \$6,835                  | \$11,097           |
| Building Technologies                        | \$0                      | \$12,916                 | \$14,666           |
| Industrial Technologies                      | \$0                      | \$1,600                  | \$1,870            |
| Federal Energy Management Program            | \$0                      | \$1,572                  | \$1,980            |
| Progam Support                               | \$0                      | \$496                    | \$1,101            |
| Weatherization Assistance                    | \$0                      | \$4,519                  | \$0                |
| State Energy Program Grants                  | \$0                      | \$607                    | \$408              |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$39,631                 | \$43,622           |
| Total Energy Efficiency and Renewable Energy | \$0                      | \$39,631                 | \$43,622           |
| Science                                      |                          |                          |                    |
| High Energy Physics                          |                          |                          |                    |
| High Energy Physics                          | \$1,166                  | \$1,040                  | \$1,030            |
| Total High Energy Physics                    | \$1,166                  | \$1,040                  | \$1,030            |
| Nuclear Physics                              | Ψ1,100                   | Ψ1,010                   | ψ.,σσσ             |
| Nuclear Physics  Nuclear Physics             | \$7,320                  | \$5,946                  | \$5,473            |
| Total Nuclear Physics                        |                          |                          |                    |
|  | \$7,320                  | \$5,946                  | \$5,473            |
| Biological and Environmental Research        | <b>#</b> 04.004          | <b>#</b> 00.400          | 00400              |
| Biological and Environmental Research        | \$94,821                 | \$92,400                 | \$94,087           |
| Total Biological and Environmental Research  | \$94,821                 | \$92,400                 | \$94,087           |
| Basic Energy Sciences                        |                          |                          |                    |
| Basic Energy Sciences                        | \$21,297                 | \$19,452                 | \$19,993           |
| Total Basic Energy Sciences                  | \$21,297                 | \$19,452                 | \$19,993           |
| Fusion Energy Sciences Program               |                          |                          |                    |
| Fusion Energy Sciences Program               | \$5,063                  | \$5,223                  | \$5,220            |
| Total Fusion Energy Sciences Program         | \$5,063                  | \$5,223                  | \$5,220            |
| Science Laboratories Infrastructure          |                          |                          |                    |
| Science Laboratories Infrastructure          | \$10,000                 | \$24,773                 | \$41,155           |
| Total Science Laboratories Infrastructure    | \$10,000                 | \$24,773                 | \$41,155           |
| Advanced Scientific Computing Research       |                          |                          |                    |
| Advanced Scientific Computing Research       | \$5,499                  | \$4,108                  | \$4,542            |
| Total Advanced Scientific Computing Research | \$5,499                  | \$4,108                  | \$4,542            |

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#### State Table

(Dollars In Thousands)

| ashington   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Program Direction Program Direction   | \$5,316                  | \$5,053                  | \$5,618            |
| Total Program Direction   | \$5,316                  | \$5,053                  | \$5,618            |
| Safeguards and Security Safeguards and Security   | \$11,318                 | \$11,143                 | \$11,163           |
| Total Safeguards and Security   | \$11,318                 | \$11,143                 | \$11,163           |
| Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists     | \$760                    | \$545                    | \$1,071            |
| Total Workforce Development for Teachers and Scientists   | \$760                    | \$545                    | \$1,071            |
| Total Science   | \$162,560                | \$169,683                | \$189,352          |
| Weapons Activities  |                          |                          |                    |
| Directed Stockpile Work  Directed Stockpile Work  | \$0                      | \$23                     | \$0                |
| Total Directed Stockpile Work   | \$0                      | \$23                     | \$0                |
| Readiness Campaign<br>Readiness Campaign  | \$14,428                 | \$6,689                  | \$9,000            |
| Total Readiness Campaign  | \$14,428                 | \$6,689                  | \$9,000            |
| Readiness in Technical Base and Facilities Readiness in Technical Base and Facilities                   | \$136                    | \$103                    | \$0                |
| Total Readiness in Technical Base and Facilities  | \$136                    | \$103                    | \$0                |
| Nuclear Weapons Incident Response  Nuclear Weapons Incident Response                                    | \$2,655                  | \$3,137                  | \$4,914            |
| Total Nuclear Weapons Incident Response   | \$2,655                  | \$3,137                  | \$4,914            |
| Total Weapons Activities  | \$17,219                 | \$9,952                  | \$13,914           |
| Other Defense Activities Environment, Safety, and Health Environment, Safety, and Health                | \$2,428                  | \$0                      | \$0                |
| Total Environment, Safety, and Health   | \$2,428                  | \$0                      | \$0                |
| Security and Safety Performance Assurance<br>Nuclear Safeguards and Security<br>Security Investigations | \$2,896<br>\$1,001       | \$0<br>\$0               | \$0<br>\$0         |
| Total Security and Safety Performance Assurance   | \$3,897                  | \$0                      | \$0                |
| Health Safety and Security  Health Safety and Security (All other)                                      | \$0                      | \$6,038                  | \$5,473            |
| Total Health Safety and Security  | \$0                      | \$6,038                  | \$5,473            |
| Total Other Defense Activities  Defense Nuclear Nonproliferation  | \$6,325                  | \$6,038                  | \$5,473            |

Defense Nuclear Nonproliferation

Nonproliferation and Verification R&D

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#### State Table

(Dollars In Thousands)

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| shington  | FY 2007<br>Appropriation           | FY 2008<br>Appropriation       | FY 2009<br>Reques       |
|---|------------------------------------|--------------------------------|-------------------------|
| Nonproliferation and Verification R&D   | \$37,023                           | \$61,755                       | \$40,144                |
| Total Nonproliferation and Verification R&D   | \$37,023                           | \$61,755                       | \$40,144                |
| Nonproliferation and International Security Nonproliferation and International Security   | \$14,984                           | \$17,434                       | \$16,327                |
| Total Nonproliferation and International Security   | \$14,984                           | \$17,434                       | \$16,327                |
| Non Proliferation Programs with Russia<br>International Nuclear Materials Protection & Cooperatio<br>Fissile Materials Disposition  | \$87,558<br>\$860                  | \$100,085<br>\$0               | \$82,479<br>\$0         |
| Total Non Proliferation Programs with Russia  | \$88,418                           | \$100,085                      | \$82,479                |
| Global Threat Reduction Initiative Global Threat Reduction Initiative   | \$12,851                           | \$18,624                       | \$21,200                |
| Total Global Threat Reduction Initiative  | \$12,851                           | \$18,624                       | \$21,200                |
| Total Defense Nuclear Nonproliferation  | \$153,276                          | \$197,898                      | \$160,150               |
| Departmental Administration  Cost of Work for Others  Cost of Work for Others   | \$254                              | \$298                          | \$550                   |
| Total Cost of Work for Others   | \$254                              | \$298                          | \$550                   |
| Chief Information Officer Cyber Security and Secure Communications  | \$2,013                            | \$2,100                        | \$2,100                 |
| Total Chief Information Officer   | \$2,013                            | \$2,100                        | \$2,100                 |
| Total Departmental Administration   | \$2,267                            | \$2,398                        | \$2,650                 |
| Office of the Inspector General Office of the Inspector General Office of the Inspector General   | \$1,668                            | \$1,989                        | \$1,998                 |
| Total Office of the Inspector General   | \$1,668                            | \$1,989                        | \$1,998                 |
| Total Office of the Inspector General   | \$1,668                            | \$1,989                        | \$1,998                 |
| Fossil Energy Research and Development Fuels and Other Power Systems Fuel Cells Advanced Research Innovations for Existing Plants Advanced Integrated Gasification Combined Cycle | \$5,000<br>\$250<br>\$435<br>\$260 | \$5,000<br>\$250<br>\$0<br>\$0 | \$8,000<br>\$250<br>\$0 |
| Advanced Turbines   | \$1,446                            | \$0                            | \$0                     |
| Total Fuels and Other Power Systems   | \$7,391                            | \$5,250                        | \$8,250                 |
| Natural Gas Technologies<br>Natural Gas Technologies  | \$282                              | \$50                           | \$0                     |
| Total Natural Gas Technologies  | \$282                              | \$50                           | \$0                     |

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#### State Table

(Dollars In Thousands)

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| ashington   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Congressionally Directed Projects                         | \$0                      | \$1,148                  | \$0                |
| Total Congressionally Directed Projects                   | \$0                      | \$1,148                  | \$0                |
| Total Fossil Energy Research and Development              | \$7,673                  | \$6,448                  | \$8,250            |
| Nuclear Waste Fund  |                          |                          |                    |
| Nuclear Waste Disposal                                    |                          |                          |                    |
| Repository Program  | \$0                      | \$0                      | \$500              |
| Prog. Mgmt. & Int (S & T)                                 | \$0                      | \$280                    | \$300              |
| Total Nuclear Waste Disposal                              | \$0                      | \$280                    | \$800              |
| Total Nuclear Waste Fund                                  | \$0                      | \$280                    | \$800              |
| Defense Nuclear Waste Disposal                            |                          |                          |                    |
| Defense Nuclear Waste Disposal                            |                          | <b>A=</b> 00             |                    |
| Defense Nuclear Waste Disposal                            | \$300                    | \$763                    | \$300              |
| Prog. mgmt & Int (Non S & T)                              | \$753                    | \$0                      | \$0                |
| Total Defense Nuclear Waste Disposal                      | \$1,053                  | \$763                    | \$300              |
| Total Defense Nuclear Waste Disposal                      | \$1,053                  | \$763                    | \$300              |
| Defense Environmental Cleanup                             |                          |                          |                    |
| Hanford Site  | \$425,204                | \$419,189                | \$400,902          |
| 2012 Accelerated Completions 2035 Accelerated Completions | \$410,112                | \$467,309                | \$450,885          |
| Total Hanford Site  |                          |                          |                    |
|   | \$835,316                | \$886,498                | \$851,787          |
| Office of River Protection Tank Farm Activities           | \$277,127                | \$285,818                | \$288,443          |
| Waste Treatment Plant                                     | \$690,000                | \$683,722                | \$690,000          |
| Total Office of River Protection                          | •                        | \$969,540                | \$978,443          |
|   | \$967,127                | <b>Ф909,540</b>          | ф970,443           |
| Program Direction Program Direction                       | \$62,053                 | \$67,014                 | \$64,846           |
| Total Program Direction                                   | \$62,053                 | \$67,014                 | \$64,846           |
| Safeguards and Security                                   | * - ,                    | *- ,-                    | + - , -            |
| Safeguards and Security                                   | \$73,436                 | \$86,503                 | \$75,265           |
| Total Safeguards and Security                             | \$73,436                 | \$86,503                 | \$75,265           |
| Total Defense Environmental Cleanup                       | \$1,937,932              | \$2,009,555              | \$1,970,341        |
| tal Washington  | \$2,374,926              | \$2,459,803              | \$2,419,217        |

## Department Of Energy

### FY 2009 Congressional Budget

### State Table

(Dollars In Thousands)

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| est Virginia                                      | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation                    |                          |                          |                   |
| Electricity Delivery & Energy Reliability         |                          |                          |                   |
| Research & Development                            | \$26,112                 | \$0                      | \$0               |
| Electricity Restructuring                         | \$7,204                  | \$0                      | \$(               |
| Program Direction                                 | \$4,414                  | \$0                      | \$(               |
| Energy Efficiency and Renewable Energy            | Ψ.,                      | **                       | Ψ.                |
| Program Direction                                 | \$12,210                 | \$0                      | \$(               |
| Geothermal Technology                             | \$3,441                  | \$0                      | \$(               |
| Hydrogen Technology                               | \$145                    | \$0                      | \$(               |
| Industrial Technologies                           | \$0                      | \$0                      | \$(               |
| Federal Energy Management Program                 | \$3,614                  | \$0                      | \$(               |
| Program Support                                   | \$100                    | \$0<br>\$0               | \$(               |
| Weatherization Assistance                         | \$2,872                  | \$0<br>\$0               | \$(               |
| State Energy Program Grants                       | \$529                    | \$0<br>\$0               | \$(               |
|   | -                        | \$0<br>\$0               |                   |
| International Renewable Energy Program            | \$1,373                  | •                        | \$0               |
| Total Energy Efficiency and Renewable Energy      | \$62,014                 | \$0                      | \$0               |
| Total Energy Supply and Conservation              | \$62,014                 | \$0                      | \$0               |
| Electricity Delivery and Energy Reliability       |                          |                          |                   |
| Electricity Delivery and Energy Reliability       |                          |                          |                   |
| Research and Development                          | \$0                      | \$29,889                 | \$34,980          |
| Operations and Analysis                           | \$0                      | \$6,501                  | \$4,417           |
| Program Direction                                 | \$0                      | \$4,441                  | \$2,90            |
| Congressionally Directed Tech. Deployment         | \$0                      | \$22,323                 | \$(               |
| Total Electricity Delivery and Energy Reliability | \$0                      | \$63,154                 | \$42,302          |
| Total Electricity Delivery and Energy Reliability | \$0                      | \$63,154                 | \$42,302          |
| Energy Efficiency and Renewable Energy            |                          |                          |                   |
| Energy Efficiency and Renewable Energy            |                          |                          |                   |
| Program Direction                                 | \$0                      | \$12,933                 | \$14,23°          |
| Geothermal Technology                             | \$0                      | \$8,000                  | \$12,000          |
| Hydrogen Technology                               | \$0                      | \$57                     | \$(               |
| Industrial Technologies                           | \$0                      | \$645                    | \$650             |
| Federal Energy Management Program                 | \$0                      | \$2,787                  | \$3,740           |
| Progam Support                                    | \$0                      | \$100                    | \$100             |
| Weatherization Assistance                         | \$0<br>\$0               | \$3,197                  | \$(               |
| State Energy Program Grants                       | \$0<br>\$0               | \$376                    | \$270             |
| Total Energy Efficiency and Renewable Energy      | •                        |                          |                   |
| Total Energy Eniciency and Renewable Energy       | \$0                      | \$28,095                 | \$30,99           |
| Total Energy Efficiency and Renewable Energy      | \$0                      | \$28,095                 | \$30,99           |
| Science   |                          |                          |                   |
| Biological and Environmental Research             |                          |                          |                   |
| Biological and Environmental Research             | \$327                    | \$286                    | \$0               |
| Total Biological and Environmental Research       | \$327                    | \$286                    | \$0               |
|   |                          |                          |                   |

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#### State Table

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| est Virginia  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|---|--------------------------|--------------------------|-------------------|
| Basic Energy Sciences Basic Energy Sciences                             | \$495                    | \$795                    | \$0               |
| Total Basic Energy Sciences   | •                        | *                        |                   |
| Fusion Energy Sciences Program  | \$495                    | \$795                    | \$0               |
| Fusion Energy Sciences Program  | \$15                     | \$15                     | \$15              |
| Total Fusion Energy Sciences Program                                    | \$15                     | \$15                     | \$15              |
| Science Laboratories Infrastructure Science Laboratories Infrastructure | \$115                    | \$0                      | \$0               |
| Total Science Laboratories Infrastructure                               | \$115                    | \$0                      | \$0               |
| Total Science   | \$952                    | \$1,096                  | \$15              |
| Weapons Activities  |                          |                          |                   |
| Directed Stockpile Work   | <b>4</b> -               | •                        | •                 |
| Directed Stockpile Work   | \$425                    | \$0                      | \$0               |
| Total Directed Stockpile Work   | \$425                    | \$0                      | \$0               |
| Readiness Campaign<br>Readiness Campaign                                | \$1,713                  | \$1,850                  | \$1,892           |
| Total Readiness Campaign  | \$1,713                  | \$1,850                  | \$1,892           |
| Readiness in Technical Base and Facilities                              |                          |                          |                   |
| Readiness in Technical Base and Facilities                              | \$2,000                  | \$0                      | \$0               |
| Total Readiness in Technical Base and Facilities                        | \$2,000                  | \$0                      | \$0               |
| Total Weapons Activities  | \$4,138                  | \$1,850                  | \$1,892           |
| Other Defense Activities  |                          |                          |                   |
| Office of Legacy Management   | <b>0.4.45</b> 0          | <b>00.744</b>            | <b>00.47</b> 0    |
| Office of Legacy Management   | \$4,156                  | \$6,711                  | \$9,170           |
| Total Office of Legacy Management                                       | \$4,156                  | \$6,711                  | \$9,170           |
| Total Other Defense Activities  | \$4,156                  | \$6,711                  | \$9,170           |
| Defense Nuclear Nonproliferation  |                          |                          |                   |
| Non Proliferation Programs with Russia                                  | <b>*</b>                 | 4.0                      | •                 |
| Fissile Materials Disposition   | \$300                    | \$0                      | \$0               |
| Total Non Proliferation Programs with Russia                            | \$300                    | \$0                      | \$0               |
| Total Defense Nuclear Nonproliferation                                  | \$300                    | \$0                      | \$0               |
| Departmental Administration   |                          |                          |                   |
| Cost of Work for Others   |                          |                          |                   |
| Cost of Work for Others   | \$85                     | \$99                     | \$300             |
| Total Cost of Work for Others   | \$85                     | \$99                     | \$300             |
| Total Departmental Administration                                       | \$85                     | \$99                     | \$300             |
| Fossil Energy Research and Development                                  |                          |                          |                   |

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#### State Table

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| st Virginia                                     | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|---|--------------------------|--------------------------|--------------------|
| Fuels and Other Power Systems                   |                          |                          |                    |
| Fuel Cells                                      | \$2,052                  | \$3,800                  | \$5,000            |
| Carbon Sequestration                            | \$2,182                  | \$1,980                  | \$2,650            |
| Fuels   | \$5,614                  | \$4,000                  | \$1,600            |
| Advanced Research                               | \$1,443                  | \$1,516                  | \$1,480            |
| Innovations for Existing Plants                 | \$263                    | \$0                      | \$C                |
| Advanced Integrated Gasification Combined Cycle | \$3,641                  | \$3,694                  | \$4,300            |
| Advanced Turbines                               | \$1,695                  | \$1,500                  | \$3,000            |
| Total Fuels and Other Power Systems             | \$16,890                 | \$16,490                 | \$18,030           |
| Natural Gas Technologies                        |                          |                          |                    |
| Natural Gas Technologies                        | \$1,458                  | \$1,696                  | \$0                |
| Total Natural Gas Technologies                  | \$1,458                  | \$1,696                  | \$0                |
| Program Direction                               |                          |                          |                    |
| Energy Technology Center Program Direction      | \$89,192                 | \$116,607                | \$95,492           |
| Total Program Direction                         | \$89,192                 | \$116,607                | \$95,492           |
| Petroleum - Oil Technologies                    |                          |                          |                    |
| Oil Technology                                  | \$27                     | \$45                     | \$0                |
| Total Petroleum - Oil Technologies              | \$27                     | \$45                     | \$0                |
| Fossil Energy Environmental Restoration         |                          |                          |                    |
| Fossil Energy Environmental Restoration         | \$3,750                  | \$3,736                  | \$3,750            |
| Total Fossil Energy Environmental Restoration   | \$3,750                  | \$3,736                  | \$3,750            |
| Plant & Capital Equipment                       |                          |                          |                    |
| Plant & Capital Equipment                       | \$8,000                  | \$7,927                  | \$0                |
| Total Plant & Capital Equipment                 | \$8,000                  | \$7,927                  | \$0                |
| Congressionally Directed Projects               |                          |                          |                    |
| Congressionally Directed Projects               | \$0                      | \$334                    | \$0                |
| Total Congressionally Directed Projects         | \$0                      | \$334                    | \$0                |
| Total Fossil Energy Research and Development    | \$119,317                | \$146,835                | \$117,272          |
| al West Virginia                                | \$190,962                | \$247,840                | \$201,942          |
|   |                          |                          |                    |

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State Table

Wisconsin

**Total Wisconsin** 

(Dollars In Thousands) FY 2008 FY 2009 Request FY 2007 Appropriation Appropriation

\$44,854

\$58,070

\$48,556

| 3001311   | Appropriation | Appropriation | Request  |
|---|---------------|---------------|----------|
| Energy Supply and Conservation Energy Efficiency and Renewable Energy |               |               |          |
| Weatherization Assistance   | \$7,654       | \$0           | \$0      |
| State Energy Program Grants   | \$1,029       | \$0           | \$0      |
| Total Energy Efficiency and Renewable Energy                          | \$8,683       | \$0           | \$0      |
| Total Energy Supply and Conservation                                  | \$8,683       | \$0           | \$0      |
| Energy Efficiency and Renewable Energy                                |               |               |          |
| Energy Efficiency and Renewable Energy                                |               |               |          |
| Weatherization Assistance   | \$0           | \$8,529       | \$0      |
| State Energy Program Grants   | \$0           | \$761         | \$576    |
| Total Energy Efficiency and Renewable Energy                          | \$0           | \$9,290       | \$576    |
| Total Energy Efficiency and Renewable Energy                          | \$0           | \$9,290       | \$576    |
| Science   |               |               |          |
| High Energy Physics   |               |               |          |
| High Energy Physics   | \$5,071       | \$4,695       | \$4,200  |
| Total High Energy Physics   | \$5,071       | \$4,695       | \$4,200  |
| Nuclear Physics   |               |               |          |
| Nuclear Physics   | \$0           | \$515         | \$190    |
| Total Nuclear Physics   | \$0           | \$515         | \$190    |
| Biological and Environmental Research                                 |               |               |          |
| Biological and Environmental Research                                 | \$12,693      | \$25,561      | \$25,160 |
| Total Biological and Environmental Research                           | \$12,693      | \$25,561      | \$25,160 |
| Basic Energy Sciences   | <b>#0.700</b> | <b>40.740</b> | 40.000   |
| Basic Energy Sciences   | \$3,732       | \$2,743       | \$3,033  |
| Total Basic Energy Sciences   | \$3,732       | \$2,743       | \$3,033  |
| Fusion Energy Sciences Program  |               |               |          |
| Fusion Energy Sciences Program  | \$12,577      | \$12,854      | \$13,143 |
| Total Fusion Energy Sciences Program                                  | \$12,577      | \$12,854      | \$13,143 |
| Advanced Scientific Computing Research                                |               |               |          |
| Advanced Scientific Computing Research                                | \$2,098       | \$2,412       | \$2,254  |
| Total Advanced Scientific Computing Research                          | \$2,098       | \$2,412       | \$2,254  |
| Total Science   | \$36,171      | \$48,780      | \$47,980 |
|   | <b></b>       | <u> </u>      | <u> </u> |

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#### State Table

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| roming   | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Reques |
|--|--------------------------|--------------------------|-------------------|
| Energy Supply and Conservation   |                          | •••                      | •                 |
| Energy Efficiency and Renewable Energy   |                          |                          |                   |
| Weatherization Assistance  | \$1,054                  | \$0                      | \$0               |
| State Energy Program Grants  | \$339                    | \$0                      | \$0               |
| Total Energy Efficiency and Renewable Energy   | \$1,393                  | \$0                      | \$0               |
| Total Energy Supply and Conservation   | \$1,393                  | \$0                      | \$0               |
| Energy Efficiency and Renewable Energy   |                          |                          |                   |
| Energy Efficiency and Renewable Energy   |                          |                          |                   |
| Weatherization Assistance  | \$0                      | \$1,169                  | \$0               |
| State Energy Program Grants  | \$0                      | \$223                    | \$143             |
| Total Energy Efficiency and Renewable Energy   | \$0                      | \$1,392                  | \$143             |
| Total Energy Efficiency and Renewable Energy   | \$0                      | \$1,392                  | \$143             |
| Science  |                          |                          |                   |
| Biological and Environmental Research  |                          |                          |                   |
| Biological and Environmental Research  | \$122                    | \$122                    | \$125             |
| Total Biological and Environmental Research  | \$122                    | \$122                    | \$12              |
| Basic Energy Sciences  |                          |                          |                   |
| Basic Energy Sciences  | \$597                    | \$239                    | \$10              |
| Total Basic Energy Sciences  | \$597                    | \$239                    | \$10              |
| Total Science  | \$719                    | \$361                    | \$135             |
| Western Area Power Admin. Const., Rehab., O&M  |                          |                          |                   |
| Systems Operation and Maintenance  |                          |                          |                   |
| Systems Operation and Maintenance  | \$13,869                 | \$9,561                  | \$2,486           |
| Total Systems Operation and Maintenance  | \$13,869                 | \$9,561                  | \$2,486           |
| Program Direction Program Direction  | \$5,345                  | \$5,496                  | \$5,525           |
| Total Program Direction  | \$5,345                  | \$5,496                  | \$5,525           |
| Total Western Area Power Admin. Const., Rehab., O&M  | \$19,214                 | \$15,057                 | \$8,01            |
| , ,  | Ψ19,214                  | φ15,057                  | ψ0,01             |
| Colorado River Basins Power Marketing Fund Equipment, Contracts and Other Related Expenses |                          |                          |                   |
| Colorado River Storage Project   | \$57                     | \$0                      | \$0               |
|  |                          | •                        |                   |
| Total Equipment, Contracts and Other Related Expenses                                      | \$57                     | \$0                      | \$(               |
| Total Colorado River Basins Power Marketing Fund   | \$57                     | \$0                      | \$0               |
| Fossil Energy Research and Development   |                          |                          |                   |
| Fuels and Other Power Systems  | <b>ተ</b> ደረ              | <b>Φ</b> Ω               | <b>ሰ</b> ላ        |
| Fuels Innovations for Existing Plants  | \$82<br>\$517            | \$0<br>\$0               | \$(<br>\$(        |
| Innovations for Existing Plants  | •                        | \$0<br>\$1,000           |                   |
| Advanced Integrated Gasification Combined Cycle  | \$970                    | \$1,000                  | \$1,000           |

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#### State Table

| Wyoming  | FY 2007<br>Appropriation | FY 2008<br>Appropriation | FY 2009<br>Request |
|--|--------------------------|--------------------------|--------------------|
| Total Fuels and Other Power Systems  | \$1,569                  | \$1,000                  | \$1,000            |
| Fossil Energy Environmental Restoration<br>Fossil Energy Environmental Restoration | \$890                    | \$813                    | \$880              |
| Total Fossil Energy Environmental Restoration                                      | \$890                    | \$813                    | \$880              |
| Cooperative Research & Revelopment<br>Cooperative Research & Development           | \$0                      | \$2,447                  | \$0                |
| Total Cooperative Research & Revelopment   | \$0                      | \$2,447                  | \$0                |
| Congressionally Directed Projects Congressionally Directed Projects                | \$0                      | \$1,579                  | \$0                |
| Total Congressionally Directed Projects  | \$0                      | \$1,579                  | \$0                |
| Total Fossil Energy Research and Development                                       | \$2,459                  | \$5,839                  | \$1,880            |
| Naval Petroleum and Oil Shale Reserves Naval Petroleum and Oil Shale Reserves      |                          |                          |                    |
| Productions Operations  Management   | \$8,641<br>\$3,261       | \$7,779<br>\$3,667       | \$7,185<br>\$4,427 |
| Total Naval Petroleum and Oil Shale Reserves                                       | \$11,902                 | \$11,446                 | \$11,612           |
| Total Naval Petroleum and Oil Shale Reserves                                       | \$11,902                 | \$11,446                 | \$11,612           |
| Total Wyoming  | \$35,744                 | \$34,095                 | \$21,781           |