

**Table 19. Estimated rail transportation rates for coal, state to state, 2008**

comparison of EIA and STB data

| Origin State | Destination State | Transportation cost<br>per short ton (nominal) |         | Percent<br>difference<br>EIA vs. STB | Total<br>delivered<br>cost<br>per short ton<br>(nominal)<br>EIA | Percent<br>transportation cost<br>is of total delivered<br>cost<br>EIA | Shipments<br>(1,000 short tons)<br>EIA | Shipments with<br>transportation<br>rates over<br>total shipments<br>(percent) |        |
|--------------|-------------------|--|---------|--------------------------------------|---|--|--|--|--------|
|              |                   | STB  | EIA     |                                      |   |  |  | STB  | EIA    |
| Alabama      | Alabama           | W  | \$14.43 | W                                    | \$65.38   | 22.1%  | 4,509                                  | W  | 81.8%  |
| Alabama      | Georgia           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Alabama      | Illinois          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Alabama      | New Jersey        | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Arizona      | Arizona           | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Colorado     | Alabama           | W  | \$34.52 | W                                    | \$62.70   | 55.1%  | 2,898                                  | W  | 96.7%  |
| Colorado     | Arizona           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Colorado     | Arkansas          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Colorado     | Colorado          | \$10.67  | \$14.16 | 32.7%                                | \$39.03   | 36.3%  | 7,105                                  | 39.3%  | 52.7%  |
| Colorado     | Delaware          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Colorado     | Georgia           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Colorado     | Iowa              | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Colorado     | Kentucky          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Colorado     | Michigan          | -  | \$38.75 | -                                    | \$72.63   | 53.4%  | 881                                    | -  | 100.0% |
| Colorado     | Mississippi       | W  | \$49.97 | W                                    | \$81.80   | 61.1%  | 1,624                                  | W  | 60.2%  |
| Colorado     | Nevada            | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Colorado     | Oklahoma          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Colorado     | Tennessee         | -  | \$24.46 | -                                    | \$50.72   | 48.2%  | 2,102                                  | -  | 83.5%  |
| Colorado     | Texas             | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Colorado     | Utah              | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Colorado     | Wisconsin         | -  | \$48.05 | -                                    | \$80.03   | 60.0%  | 1,084                                  | -  | 81.4%  |
| Illinois     | Alabama           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Illinois     | Florida           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |

| Origin State | Destination State | Transportation cost<br>per short ton (nominal) |         | Percent<br>difference<br>EIA vs. STB | Total<br>delivered<br>cost<br>per short ton<br>(nominal)<br>EIA | Percent<br>transportation cost<br>is of total delivered<br>cost<br>EIA | Shipments<br>(1,000 short tons)<br>EIA | Shipments with<br>transportation<br>rates over<br>total shipments<br>(percent) |        |
|--------------|-------------------|--|---------|--------------------------------------|---|--|--|--|--------|
|              |                   | STB  | EIA     |                                      |   |  |  | STB  | EIA    |
| Illinois     | Georgia           | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Illinois     | Illinois          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Illinois     | Indiana           | W  | \$11.18 | W                                    | \$42.12   | 26.5%  | 4,824                                  | W  | 82.6%  |
| Illinois     | Iowa              | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Illinois     | Michigan          | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Illinois     | Minnesota         | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Illinois     | Missouri          | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Illinois     | Ohio              | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Illinois     | Tennessee         | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Illinois     | Wisconsin         | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Indiana      | Georgia           | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Indiana      | Indiana           | \$3.50   | \$3.81  | 8.9%                                 | \$37.49   | 10.2%  | 20,601                                 | 17.7%  | 98.3%  |
| Indiana      | Iowa              | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Indiana      | Kentucky          | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Indiana      | Michigan          | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Indiana      | South Carolina    | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Indiana      | Wisconsin         | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Kentucky     | Alabama           | W  | \$15.61 | W                                    | \$68.47   | 22.8%  | 2,606                                  | W  | 100.0% |
| Kentucky     | Delaware          | \$20.90  | \$16.20 | -22.5%                               | \$76.53   | 21.2%  | 375                                    | 39.5%  | 58.7%  |
| Kentucky     | Florida           | \$33.87  | \$24.86 | -26.6%                               | \$71.12   | 35.0%  | 7,955                                  | 21.3%  | 100.0% |
| Kentucky     | Georgia           | \$23.11  | \$24.47 | 5.9%                                 | \$83.97   | 29.1%  | 17,150                                 | 29.6%  | 96.8%  |
| Kentucky     | Illinois          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Kentucky     | Indiana           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Kentucky     | Kentucky          | \$6.87   | \$7.62  | 10.9%                                | \$48.01   | 15.9%  | 8,304                                  | 28.0%  | 100.0% |
| Kentucky     | Maryland          | W  | \$24.43 | W                                    | \$113.47  | 21.5%  | 530                                    | W  | 100.0% |
| Kentucky     | Massachusetts     | -  | W       | -                                    | W   | W  | W                                      | -  | W      |

| Origin State | Destination State | Transportation cost<br>per short ton (nominal) |         | Percent<br>difference<br>EIA vs. STB | Total<br>delivered<br>cost<br>per short ton<br>(nominal)<br>EIA | Percent<br>transportation cost<br>is of total delivered<br>cost<br>EIA | Shipments<br>(1,000 short tons)<br>EIA | Shipments with<br>transportation<br>rates over<br>total shipments<br>(percent) |        |
|--------------|-------------------|--|---------|--------------------------------------|---|--|--|--|--------|
|              |                   | STB  | EIA     |                                      |   |  |  | STB  | EIA    |
| Kentucky     | Michigan          | \$14.70  | \$14.51 | -1.3%                                | \$65.26   | 22.2%  | 5,180                                  | 43.5%  | 94.1%  |
| Kentucky     | Mississippi       | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Kentucky     | Missouri          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Kentucky     | New Jersey        | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Kentucky     | New York          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Kentucky     | North Carolina    | \$23.41  | \$22.22 | -5.1%                                | \$82.86   | 26.8%  | 11,006                                 | 38.7%  | 91.1%  |
| Kentucky     | Ohio              | \$19.20  | W       | W                                    | W   | W  | W                                      | 41.4%  | W      |
| Kentucky     | Pennsylvania      | W  | \$26.06 | W                                    | \$76.51   | 34.1%  | 514                                    | W  | 100.0% |
| Kentucky     | South Carolina    | \$15.14  | \$13.08 | -13.6%                               | \$70.79   | 18.5%  | 10,221                                 | 24.5%  | 96.6%  |
| Kentucky     | Tennessee         | \$15.40  | \$13.82 | -10.3%                               | \$69.12   | 20.0%  | 3,334                                  | 18.0%  | 100.0% |
| Kentucky     | Virginia          | \$21.15  | \$18.89 | -10.7%                               | \$69.19   | 27.3%  | 3,385                                  | 55.3%  | 100.0% |
| Kentucky     | West Virginia     | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Kentucky     | Wisconsin         | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Montana      | Arizona           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Montana      | Indiana           | W  | \$34.46 | W                                    | \$46.92   | 73.5%  | 1,543                                  | W  | 100.0% |
| Montana      | Michigan          | -  | \$15.34 | -                                    | \$25.42   | 60.4%  | 8,177                                  | -  | 92.1%  |
| Montana      | Minnesota         | \$14.95  | \$13.77 | -7.9%                                | \$23.28   | 59.1%  | 9,609                                  | 51.9%  | 51.7%  |
| Montana      | New York          | -  | \$39.36 | -                                    | \$55.87   | 70.5%  | 257                                    | -  | 100.0% |
| Montana      | North Dakota      | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Montana      | Ohio              | W  | \$46.27 | W                                    | \$61.03   | 75.8%  | 130                                    | W  | 98.2%  |
| Montana      | Pennsylvania      | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Montana      | Texas             | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Montana      | Washington        | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| New Mexico   | Arizona           | W  | \$7.45  | W                                    | \$31.73   | 23.5%  | 7,628                                  | W  | 95.0%  |
| New Mexico   | Colorado          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| North Dakota | North Dakota      | W  | W       | W                                    | W   | W  | W                                      | W  | W      |

| Origin State | Destination State | Transportation cost<br>per short ton (nominal) |         | Percent<br>difference<br>EIA vs. STB | Total<br>delivered<br>cost<br>per short ton<br>(nominal)<br>EIA | Percent<br>transportation cost<br>is of total delivered<br>cost<br>EIA | Shipments<br>(1,000 short tons)<br>EIA | Shipments with<br>transportation<br>rates over<br>total shipments<br>(percent) |        |
|--------------|-------------------|--|---------|--------------------------------------|---|--|--|--|--------|
|              |                   | STB  | EIA     |                                      |   |  |  | STB  | EIA    |
| Ohio         | Delaware          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Ohio         | Michigan          | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Ohio         | New York          | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Ohio         | Ohio              | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Ohio         | Pennsylvania      | W  | \$18.52 | W                                    | \$60.31   | 30.7%  | 416                                    | W  | 100.0% |
| Pennsylvania | Delaware          | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Pennsylvania | Indiana           | W  | \$19.61 | W                                    | \$69.00   | 28.4%  | 1,007                                  | W  | 60.2%  |
| Pennsylvania | Maryland          | \$21.74  | \$20.89 | -3.9%                                | \$81.79   | 25.5%  | 2,162                                  | 37.7%  | 100.0% |
| Pennsylvania | Michigan          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Pennsylvania | New Hampshire     | W  | \$43.41 | W                                    | \$92.63   | 46.9%  | 340                                    | W  | 89.4%  |
| Pennsylvania | New Jersey        | W  | \$27.14 | W                                    | \$73.87   | 36.7%  | 1,061                                  | W  | 76.7%  |
| Pennsylvania | New York          | W  | \$21.62 | W                                    | \$63.93   | 33.8%  | 1,246                                  | W  | 38.8%  |
| Pennsylvania | Ohio              | \$13.06  | \$13.58 | 4.0%                                 | \$51.55   | 26.3%  | 1,221                                  | 52.2%  | 64.0%  |
| Pennsylvania | Pennsylvania      | \$14.32  | \$11.83 | -17.4%                               | \$59.95   | 19.7%  | 17,458                                 | 30.7%  | 92.9%  |
| Pennsylvania | South Carolina    | W  | \$13.23 | W                                    | \$50.01   | 26.5%  | 2,378                                  | W  | 96.1%  |
| Pennsylvania | West Virginia     | W  | \$11.18 | W                                    | \$56.37   | 19.8%  | 1,011                                  | W  | 100.0% |
| Tennessee    | Georgia           | W  | \$24.30 | W                                    | \$93.97   | 25.9%  | 94                                     | W  | 100.0% |
| Tennessee    | North Carolina    | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Tennessee    | South Carolina    | W  | \$14.15 | W                                    | \$70.82   | 20.0%  | 484                                    | W  | 60.1%  |
| Tennessee    | Tennessee         | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Texas        | Texas             | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Utah         | Alabama           | W  | \$28.66 | W                                    | \$60.16   | 47.6%  | 1,762                                  | W  | 92.8%  |
| Utah         | California        | W  | \$29.36 | W                                    | \$69.78   | 42.1%  | 1,032                                  | W  | 90.0%  |
| Utah         | Colorado          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Utah         | Kentucky          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Utah         | Michigan          | -  | W       | -                                    | W   | W  | W                                      | -  | W      |

| Origin State  | Destination State | Transportation cost<br>per short ton (nominal) |         | Percent<br>difference<br>EIA vs. STB | Total<br>delivered<br>cost<br>per short ton<br>(nominal)<br>EIA | Percent<br>transportation cost<br>is of total delivered<br>cost<br>EIA | Shipments<br>(1,000 short tons)<br>EIA | Shipments with<br>transportation<br>rates over<br>total shipments<br>(percent) |        |
|---------------|-------------------|--|---------|--------------------------------------|---|--|--|--|--------|
|               |                   | STB  | EIA     |                                      |   |  |  | STB  | EIA    |
| Utah          | Missouri          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Utah          | Nebraska          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Utah          | Nevada            | W  | \$14.24 | W                                    | \$50.54   | 28.2%  | 2,224                                  | W  | 93.0%  |
| Utah          | Tennessee         | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Utah          | Utah              | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Utah          | Wisconsin         | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Virginia      | Alabama           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Virginia      | Delaware          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Virginia      | Florida           | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Virginia      | Georgia           | \$24.68  | \$25.58 | 3.6%                                 | \$87.18   | 29.3%  | 2,933                                  | 79.3%  | 89.6%  |
| Virginia      | Indiana           | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Virginia      | Mississippi       | W  | \$29.13 | W                                    | \$84.54   | 34.5%  | 816                                    | W  | 100.0% |
| Virginia      | New Hampshire     | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Virginia      | New Jersey        | -  | \$29.43 | -                                    | \$94.48   | 31.2%  | 858                                    | -  | 77.5%  |
| Virginia      | North Carolina    | \$26.42  | \$21.63 | -18.1%                               | \$74.71   | 29.0%  | 1,194                                  | 35.2%  | 81.9%  |
| Virginia      | Ohio              | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Virginia      | Oklahoma          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Virginia      | Pennsylvania      | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Virginia      | South Carolina    | W  | \$12.35 | W                                    | \$96.76   | 12.8%  | 53                                     | W  | 100.0% |
| Virginia      | Tennessee         | \$11.48  | \$8.24  | -28.3%                               | \$77.04   | 10.7%  | 405                                    | 100.0%   | 94.6%  |
| Virginia      | Virginia          | \$23.56  | \$13.11 | -44.4%                               | \$61.75   | 21.2%  | 5,425                                  | 18.2%  | 49.8%  |
| West Virginia | Alabama           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| West Virginia | Delaware          | \$23.85  | \$15.09 | -36.7%                               | \$96.82   | 15.6%  | 1,074                                  | 43.5%  | 25.5%  |
| West Virginia | Florida           | \$30.66  | \$30.78 | 0.4%                                 | \$87.48   | 35.2%  | 3,335                                  | 24.5%  | 97.0%  |
| West Virginia | Georgia           | \$28.15  | \$27.78 | -1.3%                                | \$89.44   | 31.1%  | 1,752                                  | 47.0%  | 87.0%  |
| West Virginia | Indiana           | W  | \$20.94 | W                                    | \$61.18   | 34.2%  | 1,456                                  | W  | 50.4%  |

| Origin State  | Destination State | Transportation cost<br>per short ton (nominal) |         | Percent<br>difference<br>EIA vs. STB | Total<br>delivered<br>cost<br>per short ton<br>(nominal)<br>EIA | Percent<br>transportation cost<br>is of total delivered<br>cost<br>EIA | Shipments<br>(1,000 short tons)<br>EIA | Shipments with<br>transportation<br>rates over<br>total shipments<br>(percent) |        |
|---------------|-------------------|--|---------|--------------------------------------|---|--|--|--|--------|
|               |                   | STB  | EIA     |                                      |   |  |  | STB  | EIA    |
| West Virginia | Kentucky          | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| West Virginia | Maryland          | \$19.16  | \$20.89 | 9.0%                                 | \$102.69  | 20.3%  | 6,294                                  | 11.3%  | 99.9%  |
| West Virginia | Michigan          | \$14.63  | \$17.72 | 21.1%                                | \$80.23   | 22.1%  | 1,530                                  | 29.9%  | 87.3%  |
| West Virginia | Mississippi       | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| West Virginia | New Hampshire     | W  | \$43.48 | W                                    | \$87.24   | 49.8%  | 160                                    | W  | 89.5%  |
| West Virginia | New Jersey        | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| West Virginia | New York          | \$19.63  | \$14.44 | -26.4%                               | \$51.73   | 27.9%  | 2,572                                  | 47.7%  | 98.9%  |
| West Virginia | North Carolina    | \$25.09  | \$23.01 | -8.3%                                | \$77.87   | 29.6%  | 17,735                                 | 34.3%  | 95.6%  |
| West Virginia | Ohio              | W  | \$19.78 | W                                    | \$58.69   | 33.7%  | 965                                    | W  | 100.0% |
| West Virginia | Pennsylvania      | \$16.46  | \$18.72 | 13.7%                                | \$63.82   | 29.3%  | 3,549                                  | 58.2%  | 92.9%  |
| West Virginia | South Carolina    | \$15.70  | \$15.37 | -2.1%                                | \$79.49   | 19.3%  | 2,090                                  | 31.4%  | 100.0% |
| West Virginia | Tennessee         | W  | \$11.00 | W                                    | \$63.69   | 17.3%  | 2,478                                  | W  | 99.5%  |
| West Virginia | Virginia          | \$18.14  | \$20.56 | 13.3%                                | \$73.08   | 28.1%  | 1,175                                  | 100.0%   | 100.0% |
| West Virginia | West Virginia     | \$7.52   | \$10.74 | 42.7%                                | \$64.07   | 16.8%  | 191                                    | 100.0%   | 96.7%  |
| West Virginia | Wisconsin         | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Wyoming       | Alabama           | W  | \$21.13 | W                                    | \$31.26   | 67.6%  | 13,402                                 | W  | 97.5%  |
| Wyoming       | Arizona           | W  | \$21.81 | W                                    | \$32.15   | 67.8%  | 5,320                                  | W  | 99.8%  |
| Wyoming       | Arkansas          | W  | \$19.75 | W                                    | \$29.39   | 67.2%  | 15,488                                 | W  | 83.3%  |
| Wyoming       | Colorado          | \$9.89   | \$11.35 | 14.7%                                | \$20.00   | 56.7%  | 7,297                                  | 52.4%  | 100.0% |
| Wyoming       | Florida           | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Wyoming       | Georgia           | -  | \$26.08 | -                                    | \$35.08   | 74.4%  | 14,613                                 | -  | 100.0% |
| Wyoming       | Idaho             | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Wyoming       | Illinois          | \$13.85  | \$14.94 | 7.9%                                 | \$26.85   | 55.7%  | 54,440                                 | 34.5%  | 97.0%  |
| Wyoming       | Indiana           | W  | \$22.46 | W                                    | \$32.38   | 69.4%  | 18,603                                 | W  | 44.5%  |
| Wyoming       | Iowa              | \$8.87   | \$10.19 | 14.9%                                | \$19.34   | 52.7%  | 25,349                                 | 45.2%  | 91.2%  |
| Wyoming       | Kansas            | \$13.95  | \$13.60 | -2.4%                                | \$23.80   | 57.2%  | 21,317                                 | 24.7%  | 91.6%  |

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|--------------|-------------------|--|---------|--------------------------------------|---|--|--|--|--------|
|              |                   | STB  | EIA     |                                      |   |  |  | STB  | EIA    |
| Wyoming      | Kentucky          | W  | \$23.17 | W                                    | \$32.48   | 71.4%  | 1,927                                  | W  | 100.0% |
| Wyoming      | Louisiana         | W  | \$33.67 | W                                    | \$45.07   | 74.7%  | 11,517                                 | W  | 36.1%  |
| Wyoming      | Maryland          | W  | \$62.74 | W                                    | \$73.07   | 85.9%  | 306                                    | W  | 51.3%  |
| Wyoming      | Michigan          | \$20.88  | \$18.45 | -11.6%                               | \$30.55   | 60.4%  | 20,365                                 | 21.7%  | 95.7%  |
| Wyoming      | Minnesota         | \$19.31  | \$17.55 | -9.1%                                | \$30.09   | 58.3%  | 8,059                                  | 46.2%  | 42.0%  |
| Wyoming      | Mississippi       | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Wyoming      | Missouri          | \$13.70  | \$14.89 | 8.7%                                 | \$25.38   | 58.7%  | 42,595                                 | 49.4%  | 100.0% |
| Wyoming      | Montana           | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Wyoming      | Nebraska          | \$7.37   | \$8.15  | 10.6%                                | \$16.90   | 48.2%  | 14,118                                 | 37.1%  | 35.3%  |
| Wyoming      | Nevada            | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Wyoming      | New Jersey        | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Wyoming      | New York          | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Wyoming      | North Carolina    | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Wyoming      | North Dakota      | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Wyoming      | Ohio              | \$33.29  | \$27.33 | -17.9%                               | \$39.44   | 69.3%  | 11,801                                 | 31.9%  | 82.9%  |
| Wyoming      | Oklahoma          | \$13.52  | \$13.51 | -0.1%                                | \$23.25   | 58.1%  | 21,828                                 | 35.3%  | 71.2%  |
| Wyoming      | Oregon            | -  | W       | -                                    | W   | W  | W                                      | -  | W      |
| Wyoming      | South Dakota      | W  | \$20.88 | W                                    | \$30.07   | 69.4%  | 2,467                                  | W  | 87.1%  |
| Wyoming      | Tennessee         | -  | \$23.54 | -                                    | \$35.09   | 67.1%  | 9,775                                  | -  | 98.6%  |
| Wyoming      | Texas             | \$15.74  | \$13.89 | -11.7%                               | \$27.12   | 51.2%  | 63,582                                 | 49.5%  | 62.9%  |
| Wyoming      | Utah              | W  | -       | -                                    | -   | -  | -                                      | -  | -      |
| Wyoming      | Washington        | W  | W       | W                                    | W   | W  | W                                      | W  | W      |
| Wyoming      | Wisconsin         | \$18.43  | \$18.87 | 2.4%                                 | \$30.21   | 62.5%  | 23,307                                 | 37.8%  | 85.4%  |
| Wyoming      | Wyoming           | \$6.95   | \$6.74  | -3.0%                                | \$16.97   | 39.8%  | 16,977                                 | 43.7%  | 84.1%  |

- = No data reported or value not applicable

STB Data Source: The Surface Transportation Board's 900-Byte Carload Waybill Sample

| Origin State | Destination State | Transportation cost<br>per short ton (nominal) |     | Percent<br>difference<br>EIA vs. STB | Total<br>delivered<br>cost<br>per short ton<br>(nominal)<br>EIA | Percent<br>transportation cost<br>is of total delivered<br>cost<br>EIA | Shipments<br>(1,000 short tons)<br>EIA | Shipments with<br>transportation<br>rates over<br>total shipments<br>(percent) |     |
|--------------|-------------------|--|-----|--------------------------------------|---|--|--|--|-----|
|              |                   | STB  | EIA |                                      |   |  |  | STB  | EIA |

EIA Data Source: Form EIA-923 Power Plant Operations Report