

| <b>SINGLE HOUSE<br/>Guideline Floor Heating</b> |       | Existing house<br>min. insulation |                      | Existing house<br>upgraded insulation |                      | New house<br>standard insulation |                      | New house<br>energy efficient |                      |
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| <b>ALABAMA</b>                                  |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Birmingham                                      | 2918  | 2.4                               | 3.2                  | 1.8                                   | 2.3                  | 1.5                              | 1.9                  | 0.9                           | 0.9                  |
| Huntsville                                      | 3323  | 2.8                               | 3.7                  | 2.1                                   | 2.7                  | 1.7                              | 2.1                  | 1.0                           | 1.0                  |
| Mobile  | 1702  | 1.4                               | 1.9                  | 1.1                                   | 1.4                  | 0.9                              | 1.1                  | 0.5                           | 0.5                  |
| Montgomery                                      | 2244  | 1.9                               | 2.5                  | 1.4                                   | 1.8                  | 1.2                              | 1.4                  | 0.7                           | 0.7                  |
| <b>ALASKA</b>                                   |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Anchorage                                       | 10590 | 8.8                               | 11.6                 | 6.6                                   | 8.5                  | 5.5                              | 6.8                  | 3.3                           | 3.2                  |
| Annette   | 6987  | 5.8                               | 7.7                  | 4.4                                   | 5.6                  | 3.6                              | 4.5                  | 2.2                           | 2.1                  |
| Barrow  | 20226 | 16.8                              | 22.2                 | 12.6                                  | 16.2                 | 10.5                             | 12.9                 | 6.4                           | 6.1                  |
| Bethel  | 13098 | 10.9                              | 14.4                 | 8.2                                   | 10.5                 | 6.8                              | 8.4                  | 4.1                           | 3.9                  |
| Bettles   | 15689 | 13.0                              | 17.3                 | 9.8                                   | 12.6                 | 8.2                              | 10.0                 | 4.9                           | 4.7                  |
| Big Delta                                       | 13535 | 11.2                              | 14.9                 | 8.5                                   | 10.8                 | 7.0                              | 8.7                  | 4.3                           | 4.1                  |
| Cold Bay  | 9733  | 8.1                               | 10.7                 | 6.1                                   | 7.8                  | 5.1                              | 6.2                  | 3.1                           | 2.9                  |
| Fairbanks                                       | 13940 | 11.6                              | 15.3                 | 8.7                                   | 11.2                 | 7.2                              | 8.9                  | 4.4                           | 4.2                  |
| Gulkana   | 13807 | 11.5                              | 15.2                 | 8.6                                   | 11.0                 | 7.2                              | 8.8                  | 4.3                           | 4.1                  |
| Homer   | 10054 | 8.3                               | 11.1                 | 6.3                                   | 8.0                  | 5.2                              | 6.4                  | 3.2                           | 3.0                  |
| Juneau  | 8897  | 7.4                               | 9.8                  | 5.6                                   | 7.1                  | 4.6                              | 5.7                  | 2.8                           | 2.7                  |
| King Salmon                                     | 11456 | 9.5                               | 12.6                 | 7.2                                   | 9.2                  | 6.0                              | 7.3                  | 3.6                           | 3.4                  |
| Kodiak  | 8817  | 7.3                               | 9.7                  | 5.5                                   | 7.1                  | 4.6                              | 5.6                  | 2.8                           | 2.6                  |
| Kotzebue  | 15812 | 13.1                              | 17.4                 | 9.9                                   | 12.6                 | 8.2                              | 10.1                 | 5.0                           | 4.7                  |
| McGrath   | 14396 | 11.9                              | 15.8                 | 9.0                                   | 11.5                 | 7.5                              | 9.2                  | 4.5                           | 4.3                  |
| Nome  | 14129 | 11.7                              | 15.5                 | 8.8                                   | 11.3                 | 7.3                              | 9.0                  | 4.5                           | 4.2                  |
| St. Paul Island                                 | 11031 | 9.2                               | 12.1                 | 6.9                                   | 8.8                  | 5.7                              | 7.1                  | 3.5                           | 3.3                  |
| Talkeetna                                       | 11606 | 9.6                               | 12.8                 | 7.3                                   | 9.3                  | 6.0                              | 7.4                  | 3.7                           | 3.5                  |
| Unalakleet                                      | 13795 | 11.4                              | 15.2                 | 8.6                                   | 11.0                 | 7.2                              | 8.8                  | 4.3                           | 4.1                  |
| Valdez  | 9953  | 8.3                               | 10.9                 | 6.2                                   | 8.0                  | 5.2                              | 6.4                  | 3.1                           | 3.0                  |
| Yakutat   | 9485  | 7.9                               | 10.4                 | 5.9                                   | 7.6                  | 4.9                              | 6.1                  | 3.0                           | 2.8                  |
| <b>ARIZONA</b>                                  |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Flagstaff                                       | 7131  | 5.9                               | 7.8                  | 4.5                                   | 5.7                  | 3.7                              | 4.6                  | 2.2                           | 2.1                  |
| Phoenix   | 1350  | 1.1                               | 1.5                  | 0.8                                   | 1.1                  | 0.7                              | 0.9                  | 0.4                           | 0.4                  |
| Prescott  | 4362  | 3.6                               | 4.8                  | 2.7                                   | 3.5                  | 2.3                              | 2.8                  | 1.4                           | 1.3                  |
| Tucson  | 1678  | 1.4                               | 1.8                  | 1.0                                   | 1.3                  | 0.9                              | 1.1                  | 0.5                           | 0.5                  |
| Winslow   | 4776  | 4.0                               | 5.3                  | 3.0                                   | 3.8                  | 2.5                              | 3.1                  | 1.5                           | 1.4                  |
| <b>ARKANSAS</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Fort Smith                                      | 3478  | 2.9                               | 3.8                  | 2.2                                   | 2.8                  | 1.8                              | 2.2                  | 1.1                           | 1.0                  |
| Little Rock                                     | 3155  | 2.6                               | 3.5                  | 2.0                                   | 2.5                  | 1.6                              | 2.0                  | 1.0                           | 0.9                  |
| Texarkana                                       | 2533  | 2.1                               | 2.8                  | 1.6                                   | 2.0                  | 1.3                              | 1.6                  | 0.8                           | 0.8                  |
| <b>CALIFORNIA</b>                               |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Bakersfield                                     | 2182  | 1.8                               | 2.4                  | 1.4                                   | 1.7                  | 1.1                              | 1.4                  | 0.7                           | 0.7                  |
| Bishop  | 4310  | 3.6                               | 4.7                  | 2.7                                   | 3.4                  | 2.2                              | 2.8                  | 1.4                           | 1.3                  |
| Eureka  | 4496  | 3.7                               | 4.9                  | 2.8                                   | 3.6                  | 2.3                              | 2.9                  | 1.4                           | 1.3                  |
| Fresno  | 2556  | 2.1                               | 2.8                  | 1.6                                   | 2.0                  | 1.3                              | 1.6                  | 0.8                           | 0.8                  |
| Long Beach                                      | 1430  | 1.2                               | 1.6                  | 0.9                                   | 1.1                  | 0.7                              | 0.9                  | 0.5                           | 0.4                  |
| Mount Shasta                                    | 5956  | 4.9                               | 6.6                  | 3.7                                   | 4.8                  | 3.1                              | 3.8                  | 1.9                           | 1.8                  |
| Redding   | 2855  | 2.4                               | 3.1                  | 1.8                                   | 2.3                  | 1.5                              | 1.8                  | 0.9                           | 0.9                  |
| Sacramento                                      | 2749  | 2.3                               | 3.0                  | 1.7                                   | 2.2                  | 1.4                              | 1.8                  | 0.9                           | 0.8                  |
| San Diego                                       | 1256  | 1.0                               | 1.4                  | 0.8                                   | 1.0                  | 0.7                              | 0.8                  | 0.4                           | 0.4                  |
| San Francisco                                   | 3016  | 2.5                               | 3.3                  | 1.9                                   | 2.4                  | 1.6                              | 1.9                  | 1.0                           | 0.9                  |
| Santa Barbara                                   | 2438  | 2.0                               | 2.7                  | 1.5                                   | 2.0                  | 1.3                              | 1.6                  | 0.8                           | 0.7                  |
| Santa Maria                                     | 2984  | 2.5                               | 3.3                  | 1.9                                   | 2.4                  | 1.6                              | 1.9                  | 0.9                           | 0.9                  |
| Stockton  | 2707  | 2.2                               | 3.0                  | 1.7                                   | 2.2                  | 1.4                              | 1.7                  | 0.9                           | 0.8                  |
| <b>COLORADO</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Alamosa   | 8749  | 7.3                               | 9.6                  | 5.5                                   | 7.0                  | 4.5                              | 5.6                  | 2.8                           | 2.6                  |
| Colorado Springs                                | 6415  | 5.3                               | 7.1                  | 4.0                                   | 5.1                  | 3.3                              | 4.1                  | 2.0                           | 1.9                  |

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| Denver  | 6020  | 5.0                               | 6.6                  | 3.8                                   | 4.8                  | 3.1                              | 3.9                  | 1.9                           | 1.8                  |
| Grand Junction                                  | 5548  | 4.6                               | 6.1                  | 3.5                                   | 4.4                  | 2.9                              | 3.6                  | 1.7                           | 1.7                  |
| Pueblo  | 5413  | 4.5                               | 6.0                  | 3.4                                   | 4.3                  | 2.8                              | 3.5                  | 1.7                           | 1.6                  |

| <b>CONNECTICUT</b> |      |     |     |     |     |     |     |     |     |
|--------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Bridgeport         | 5537 | 4.6 | 6.1 | 3.5 | 4.4 | 2.9 | 3.5 | 1.7 | 1.7 |
| Hartford           | 6151 | 5.1 | 6.8 | 3.8 | 4.9 | 3.2 | 3.9 | 1.9 | 1.8 |
| New Haven          | 5897 | 4.9 | 6.5 | 3.7 | 4.7 | 3.1 | 3.8 | 1.9 | 1.8 |

| <b>DELAWARE</b> |      |     |     |     |     |     |     |     |     |
|-----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Wilmington      | 4937 | 4.1 | 5.4 | 3.1 | 3.9 | 2.6 | 3.2 | 1.6 | 1.5 |

| <b>DISTR. OF COLUMBIA</b> |      |     |     |     |     |     |     |     |     |
|---------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Washington Dull.          | 5006 | 4.2 | 5.5 | 3.1 | 4.0 | 2.6 | 3.2 | 1.6 | 1.5 |
| Washington Nat'l          | 4047 | 3.4 | 4.5 | 2.5 | 3.2 | 2.1 | 2.6 | 1.3 | 1.2 |

| <b>FLORIDA</b> |      |     |     |     |     |     |     |     |     |
|----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Apalachicola   | 1429 | 1.2 | 1.6 | 0.9 | 1.1 | 0.7 | 0.9 | 0.5 | 0.4 |
| Daytona Beach  | 909  | 0.8 | 1.0 | 0.6 | 0.7 | 0.5 | 0.6 | 0.3 | 0.3 |
| Fort Myers     | 418  | 0.3 | 0.5 | 0.3 | 0.3 | 0.2 | 0.3 | 0.1 | 0.1 |
| Gainesville    | 1267 | 1.1 | 1.4 | 0.8 | 1.0 | 0.7 | 0.8 | 0.4 | 0.4 |
| Jacksonville   | 1434 | 1.2 | 1.6 | 0.9 | 1.1 | 0.7 | 0.9 | 0.5 | 0.4 |
| Orlando        | 686  | 0.6 | 0.8 | 0.4 | 0.5 | 0.4 | 0.4 | 0.2 | 0.2 |
| Pensacola      | 1617 | 1.3 | 1.8 | 1.0 | 1.3 | 0.8 | 1.0 | 0.5 | 0.5 |
| Tallahassee    | 1705 | 1.4 | 1.9 | 1.1 | 1.4 | 0.9 | 1.1 | 0.5 | 0.5 |
| Tampa          | 725  | 0.6 | 0.8 | 0.5 | 0.6 | 0.4 | 0.5 | 0.2 | 0.2 |
| Vero Beach     | 548  | 0.5 | 0.6 | 0.3 | 0.4 | 0.3 | 0.4 | 0.2 | 0.2 |

| <b>GEORGIA</b> |      |     |     |     |     |     |     |     |     |
|----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Athens         | 2893 | 2.4 | 3.2 | 1.8 | 2.3 | 1.5 | 1.9 | 0.9 | 0.9 |
| Atlanta        | 2991 | 2.5 | 3.3 | 1.9 | 2.4 | 1.6 | 1.9 | 0.9 | 0.9 |
| Augusta        | 2565 | 2.1 | 2.8 | 1.6 | 2.1 | 1.3 | 1.6 | 0.8 | 0.8 |
| Columbus       | 2261 | 1.9 | 2.5 | 1.4 | 1.8 | 1.2 | 1.4 | 0.7 | 0.7 |
| Macon          | 2334 | 1.9 | 2.6 | 1.5 | 1.9 | 1.2 | 1.5 | 0.7 | 0.7 |
| Savannah       | 1847 | 1.5 | 2.0 | 1.2 | 1.5 | 1.0 | 1.2 | 0.6 | 0.6 |

| <b>IDAHO</b> |      |     |     |     |     |     |     |     |     |
|--------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Boise        | 5861 | 4.9 | 6.4 | 3.7 | 4.7 | 3.0 | 3.8 | 1.8 | 1.8 |
| Idaho Falls  | 8475 | 7.0 | 9.3 | 5.3 | 6.8 | 4.4 | 5.4 | 2.7 | 2.5 |
| Lewiston     | 5270 | 4.4 | 5.8 | 3.3 | 4.2 | 2.7 | 3.4 | 1.7 | 1.6 |
| Pocatello    | 7180 | 6.0 | 7.9 | 4.5 | 5.7 | 3.7 | 4.6 | 2.3 | 2.2 |

| <b>ILLINOIS</b> |      |     |     |     |     |     |     |     |     |
|-----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Cairo           | 3821 | 3.2 | 4.2 | 2.4 | 3.1 | 2.0 | 2.4 | 1.2 | 1.1 |
| Chicago         | 6536 | 5.4 | 7.2 | 4.1 | 5.2 | 3.4 | 4.2 | 2.1 | 2.0 |
| Molone          | 6474 | 5.4 | 7.1 | 4.0 | 5.2 | 3.4 | 4.1 | 2.0 | 1.9 |
| Peoria          | 6148 | 5.1 | 6.8 | 3.8 | 4.9 | 3.2 | 3.9 | 1.9 | 1.8 |
| Rockford        | 6969 | 5.8 | 7.7 | 4.4 | 5.6 | 3.6 | 4.5 | 2.2 | 2.1 |
| Springfield     | 5688 | 4.7 | 6.3 | 3.6 | 4.6 | 3.0 | 3.6 | 1.8 | 1.7 |

| <b>INDIANA</b> |      |     |     |     |     |     |     |     |     |
|----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Evansville     | 4708 | 3.9 | 5.2 | 2.9 | 3.8 | 2.4 | 3.0 | 1.5 | 1.4 |
| Fort Wayne     | 6273 | 5.2 | 6.9 | 3.9 | 5.0 | 3.3 | 4.0 | 2.0 | 1.9 |
| Indianapolis   | 5615 | 4.7 | 6.2 | 3.5 | 4.5 | 2.9 | 3.6 | 1.8 | 1.7 |
| South Bend     | 6331 | 5.3 | 7.0 | 4.0 | 5.1 | 3.3 | 4.1 | 2.0 | 1.9 |

| <b>IOWA</b> |      |     |     |     |     |     |     |     |     |
|-------------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Des Moines  | 6497 | 5.4 | 7.1 | 4.1 | 5.2 | 3.4 | 4.2 | 2.0 | 1.9 |
| Dubuque     | 7327 | 6.1 | 8.1 | 4.6 | 5.9 | 3.8 | 4.7 | 2.3 | 2.2 |
| Sioux City  | 6893 | 5.7 | 7.6 | 4.3 | 5.5 | 3.6 | 4.4 | 2.2 | 2.1 |
| Waterloo    | 7406 | 6.1 | 8.1 | 4.6 | 5.9 | 3.9 | 4.7 | 2.3 | 2.2 |

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| <b>KANSAS</b>                                   |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Concordia                                       | 5574  | 4.6                               | 6.1                  | 3.5                                   | 4.5                  | 2.9                              | 3.6                  | 1.8                           | 1.7                  |
| Dodge City                                      | 5001  | 4.2                               | 5.5                  | 3.1                                   | 4.0                  | 2.6                              | 3.2                  | 1.6                           | 1.5                  |
| Goodland  | 5974  | 5.0                               | 6.6                  | 3.7                                   | 4.8                  | 3.1                              | 3.8                  | 1.9                           | 1.8                  |
| Topeka  | 5265  | 4.4                               | 5.8                  | 3.3                                   | 4.2                  | 2.7                              | 3.4                  | 1.7                           | 1.6                  |
| Wichita   | 4791  | 4.0                               | 5.3                  | 3.0                                   | 3.8                  | 2.5                              | 3.1                  | 1.5                           | 1.4                  |
| <b>KENTUCKY</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Covington                                       | 5265  | 4.4                               | 5.8                  | 3.3                                   | 4.2                  | 2.7                              | 3.4                  | 1.7                           | 1.6                  |
| Jackson   | 4393  | 3.6                               | 4.8                  | 2.7                                   | 3.5                  | 2.3                              | 2.8                  | 1.4                           | 1.3                  |
| Lexington                                       | 4783  | 4.0                               | 5.3                  | 3.0                                   | 3.8                  | 2.5                              | 3.1                  | 1.5                           | 1.4                  |
| Louisville                                      | 4514  | 3.7                               | 5.0                  | 2.8                                   | 3.6                  | 2.3                              | 2.9                  | 1.4                           | 1.4                  |
| Paducah   | 4279  | 3.6                               | 4.7                  | 2.7                                   | 3.4                  | 2.2                              | 2.7                  | 1.3                           | 1.3                  |
| <b>LOUISIANA</b>                                |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Baton Rouge                                     | 1669  | 1.4                               | 1.8                  | 1.0                                   | 1.3                  | 0.9                              | 1.1                  | 0.5                           | 0.5                  |
| Lake Charles                                    | 1616  | 1.3                               | 1.8                  | 1.0                                   | 1.3                  | 0.8                              | 1.0                  | 0.5                           | 0.5                  |
| New Orleans                                     | 1513  | 1.3                               | 1.7                  | 0.9                                   | 1.2                  | 0.8                              | 1.0                  | 0.5                           | 0.5                  |
| Shreveport                                      | 2264  | 1.9                               | 2.5                  | 1.4                                   | 1.8                  | 1.2                              | 1.4                  | 0.7                           | 0.7                  |
| <b>MAINE</b>                                    |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Caribou   | 9651  | 8.0                               | 10.6                 | 6.0                                   | 7.7                  | 5.0                              | 6.2                  | 3.0                           | 2.9                  |
| Portland  | 7378  | 6.1                               | 8.1                  | 4.6                                   | 5.9                  | 3.8                              | 4.7                  | 2.3                           | 2.2                  |
| <b>MARYLAND</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Baltimore                                       | 4707  | 3.9                               | 5.2                  | 2.9                                   | 3.8                  | 2.4                              | 3.0                  | 1.5                           | 1.4                  |
| Frederic  | 5087  | 4.2                               | 5.6                  | 3.2                                   | 4.1                  | 2.6                              | 3.3                  | 1.6                           | 1.5                  |
| <b>MASSACHUSETTS</b>                            |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Blue Hill                                       | 6398  | 5.3                               | 7.0                  | 4.0                                   | 5.1                  | 3.3                              | 4.1                  | 2.0                           | 1.9                  |
| Boston  | 5641  | 4.7                               | 6.2                  | 3.5                                   | 4.5                  | 2.9                              | 3.6                  | 1.8                           | 1.7                  |
| Nantucket                                       | 5891  | 4.9                               | 6.5                  | 3.7                                   | 4.7                  | 3.1                              | 3.8                  | 1.9                           | 1.8                  |
| Worcester                                       | 6979  | 5.8                               | 7.7                  | 4.4                                   | 5.6                  | 3.6                              | 4.5                  | 2.2                           | 2.1                  |
| <b>MICHIGAN</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Detroit   | 6569  | 5.5                               | 7.2                  | 4.1                                   | 5.3                  | 3.4                              | 4.2                  | 2.1                           | 2.0                  |
| Flint   | 6979  | 5.8                               | 7.7                  | 4.4                                   | 5.6                  | 3.6                              | 4.5                  | 2.2                           | 2.1                  |
| Grand Rapids                                    | 6973  | 5.8                               | 7.7                  | 4.4                                   | 5.6                  | 3.6                              | 4.5                  | 2.2                           | 2.1                  |
| Houghton Lake                                   | 8218  | 6.8                               | 9.0                  | 5.1                                   | 6.6                  | 4.3                              | 5.3                  | 2.6                           | 2.5                  |
| Lansing   | 7101  | 5.9                               | 7.8                  | 4.4                                   | 5.7                  | 3.7                              | 4.5                  | 2.2                           | 2.1                  |
| Marquette                                       | 9567  | 7.9                               | 10.5                 | 6.0                                   | 7.7                  | 5.0                              | 6.1                  | 3.0                           | 2.9                  |
| Muskegon  | 6924  | 5.7                               | 7.6                  | 4.3                                   | 5.5                  | 3.6                              | 4.4                  | 2.2                           | 2.1                  |
| Sault Ste. Marie                                | 9316  | 7.7                               | 10.2                 | 5.8                                   | 7.5                  | 4.8                              | 6.0                  | 2.9                           | 2.8                  |
| <b>MINNESOTA</b>                                |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Duluth  | 9818  | 8.1                               | 10.8                 | 6.1                                   | 7.9                  | 5.1                              | 6.3                  | 3.1                           | 2.9                  |
| Internat'l Falls                                | 10487 | 8.7                               | 11.5                 | 6.6                                   | 8.4                  | 5.5                              | 6.7                  | 3.3                           | 3.1                  |
| Minneapolis                                     | 7981  | 6.6                               | 8.8                  | 5.0                                   | 6.4                  | 4.2                              | 5.1                  | 2.5                           | 2.4                  |
| Rochester                                       | 8250  | 6.8                               | 9.1                  | 5.2                                   | 6.6                  | 4.3                              | 5.3                  | 2.6                           | 2.5                  |
| Saint Cloud                                     | 8928  | 7.4                               | 9.8                  | 5.6                                   | 7.1                  | 4.6                              | 5.7                  | 2.8                           | 2.7                  |
| <b>MISSISSIPPI</b>                              |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Jackson   | 2467  | 2.0                               | 2.7                  | 1.5                                   | 2.0                  | 1.3                              | 1.6                  | 0.8                           | 0.7                  |
| Meridian  | 2444  | 2.0                               | 2.7                  | 1.5                                   | 2.0                  | 1.3                              | 1.6                  | 0.8                           | 0.7                  |
| Tupelo  | 3079  | 2.6                               | 3.4                  | 1.9                                   | 2.5                  | 1.6                              | 2.0                  | 1.0                           | 0.9                  |
| <b>MISSOURI</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Columbia  | 5212  | 4.3                               | 5.7                  | 3.3                                   | 4.2                  | 2.7                              | 3.3                  | 1.6                           | 1.6                  |
| Kansas City                                     | 5393  | 4.5                               | 5.9                  | 3.4                                   | 4.3                  | 2.8                              | 3.5                  | 1.7                           | 1.6                  |
| St. Louis                                       | 4758  | 3.9                               | 5.2                  | 3.0                                   | 3.8                  | 2.5                              | 3.0                  | 1.5                           | 1.4                  |
| Springfield                                     | 4638  | 3.8                               | 5.1                  | 2.9                                   | 3.7                  | 2.4                              | 3.0                  | 1.5                           | 1.4                  |

| <b>SINGLE HOUSE<br/>Guideline Floor Heating</b> |       | Existing house<br>min. insulation |                      | Existing house<br>upgraded insulation |                      | New house<br>standard insulation |                      | New house<br>energy efficient |                      |
|---|-------|-----------------------------------|----------------------|---------------------------------------|----------------------|----------------------------------|----------------------|-------------------------------|----------------------|
| State and City                                  | HDD°F | W/sqft                            | per year<br>kWh/sqft | W/sqft                                | per year<br>kWh/sqft | W/sqft                           | per year<br>kWh/sqft | W/sqft                        | per year<br>kWh/sqft |
| <b>MONTANA</b>                                  |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Billings  | 7164  | 5.9                               | 7.9                  | 4.5                                   | 5.7                  | 3.7                              | 4.6                  | 2.3                           | 2.1                  |
| Glasgow   | 8745  | 7.3                               | 9.6                  | 5.5                                   | 7.0                  | 4.5                              | 5.6                  | 2.8                           | 2.6                  |
| Great Falls                                     | 7741  | 6.4                               | 8.5                  | 4.8                                   | 6.2                  | 4.0                              | 5.0                  | 2.4                           | 2.3                  |
| Havre   | 8700  | 7.2                               | 9.6                  | 5.4                                   | 7.0                  | 4.5                              | 5.6                  | 2.7                           | 2.6                  |
| Helena  | 8031  | 6.7                               | 8.8                  | 5.0                                   | 6.4                  | 4.2                              | 5.1                  | 2.5                           | 2.4                  |
| Kalispell                                       | 8378  | 7.0                               | 9.2                  | 5.2                                   | 6.7                  | 4.4                              | 5.4                  | 2.6                           | 2.5                  |
| Missoula  | 7792  | 6.5                               | 8.6                  | 4.9                                   | 6.2                  | 4.1                              | 5.0                  | 2.5                           | 2.3                  |
| <b>NEBRASKA</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Grand Island                                    | 6421  | 5.3                               | 7.1                  | 4.0                                   | 5.1                  | 3.3                              | 4.1                  | 2.0                           | 1.9                  |
| Norfolk   | 6873  | 5.7                               | 7.6                  | 4.3                                   | 5.5                  | 3.6                              | 4.4                  | 2.2                           | 2.1                  |
| North Platte                                    | 6859  | 5.7                               | 7.5                  | 4.3                                   | 5.5                  | 3.6                              | 4.4                  | 2.2                           | 2.1                  |
| Omaha   | 6413  | 5.3                               | 7.1                  | 4.0                                   | 5.1                  | 3.3                              | 4.1                  | 2.0                           | 1.9                  |
| Scottsbluff                                     | 6729  | 5.6                               | 7.4                  | 4.2                                   | 5.4                  | 3.5                              | 4.3                  | 2.1                           | 2.0                  |
| Valentine                                       | 7282  | 6.0                               | 8.0                  | 4.6                                   | 5.8                  | 3.8                              | 4.7                  | 2.3                           | 2.2                  |
| <b>NEVADA</b>                                   |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Elko  | 7077  | 5.9                               | 7.8                  | 4.4                                   | 5.7                  | 3.7                              | 4.5                  | 2.2                           | 2.1                  |
| Ely   | 7621  | 6.3                               | 8.4                  | 4.8                                   | 6.1                  | 4.0                              | 4.9                  | 2.4                           | 2.3                  |
| Las Vegas                                       | 2407  | 2.0                               | 2.6                  | 1.5                                   | 1.9                  | 1.3                              | 1.5                  | 0.8                           | 0.7                  |
| Reno  | 5674  | 4.7                               | 6.2                  | 3.5                                   | 4.5                  | 3.0                              | 3.6                  | 1.8                           | 1.7                  |
| Winnemucca                                      | 6315  | 5.2                               | 6.9                  | 3.9                                   | 5.1                  | 3.3                              | 4.0                  | 2.0                           | 1.9                  |
| <b>NEW HAMPSHIRE</b>                            |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Concord   | 7554  | 6.3                               | 8.3                  | 4.7                                   | 6.0                  | 3.9                              | 4.8                  | 2.4                           | 2.3                  |
| Mt. Washington                                  | 14015 | 11.6                              | 15.4                 | 8.8                                   | 11.2                 | 7.3                              | 9.0                  | 4.4                           | 4.2                  |
| <b>NEW JERSEY</b>                               |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Atlantic City                                   | 5169  | 4.3                               | 5.7                  | 3.2                                   | 4.1                  | 2.7                              | 3.3                  | 1.6                           | 1.6                  |
| Newark  | 4888  | 4.1                               | 5.4                  | 3.1                                   | 3.9                  | 2.5                              | 3.1                  | 1.5                           | 1.5                  |
| Trenton   | 4980  | 4.1                               | 5.5                  | 3.1                                   | 4.0                  | 2.6                              | 3.2                  | 1.6                           | 1.5                  |
| <b>NEW MEXICO</b>                               |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Albuquerque                                     | 4425  | 3.7                               | 4.9                  | 2.8                                   | 3.5                  | 2.3                              | 2.8                  | 1.4                           | 1.3                  |
| Clayton   | 5064  | 4.2                               | 5.6                  | 3.2                                   | 4.1                  | 2.6                              | 3.2                  | 1.6                           | 1.5                  |
| Roswell   | 3267  | 2.7                               | 3.6                  | 2.0                                   | 2.6                  | 1.7                              | 2.1                  | 1.0                           | 1.0                  |
| Silver City                                     | 3705  | 3.1                               | 4.1                  | 2.3                                   | 3.0                  | 1.9                              | 2.4                  | 1.2                           | 1.1                  |
| <b>NEW YORK</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Albany  | 6894  | 5.7                               | 7.6                  | 4.3                                   | 5.5                  | 3.6                              | 4.4                  | 2.2                           | 2.1                  |
| Binghamton                                      | 7273  | 6.0                               | 8.0                  | 4.5                                   | 5.8                  | 3.8                              | 4.7                  | 2.3                           | 2.2                  |
| Buffalo   | 6747  | 5.6                               | 7.4                  | 4.2                                   | 5.4                  | 3.5                              | 4.3                  | 2.1                           | 2.0                  |
| Islip   | 5647  | 4.7                               | 6.2                  | 3.5                                   | 4.5                  | 2.9                              | 3.6                  | 1.8                           | 1.7                  |
| N.Y. Central Park                               | 4805  | 4.0                               | 5.3                  | 3.0                                   | 3.8                  | 2.5                              | 3.1                  | 1.5                           | 1.4                  |
| Rochester                                       | 6734  | 5.6                               | 7.4                  | 4.2                                   | 5.4                  | 3.5                              | 4.3                  | 2.1                           | 2.0                  |
| Syracuse  | 6834  | 5.7                               | 7.5                  | 4.3                                   | 5.5                  | 3.6                              | 4.4                  | 2.2                           | 2.1                  |
| <b>NORTH CAROLINA</b>                           |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Asheville                                       | 4308  | 3.6                               | 4.7                  | 2.7                                   | 3.4                  | 2.2                              | 2.8                  | 1.4                           | 1.3                  |
| Charlotte                                       | 3341  | 2.8                               | 3.7                  | 2.1                                   | 2.7                  | 1.7                              | 2.1                  | 1.1                           | 1.0                  |
| Greensboro                                      | 3865  | 3.2                               | 4.3                  | 2.4                                   | 3.1                  | 2.0                              | 2.5                  | 1.2                           | 1.2                  |
| Raleigh   | 3457  | 2.9                               | 3.8                  | 2.2                                   | 2.8                  | 1.8                              | 2.2                  | 1.1                           | 1.0                  |
| Wilmington                                      | 2470  | 2.1                               | 2.7                  | 1.5                                   | 2.0                  | 1.3                              | 1.6                  | 0.8                           | 0.7                  |
| <b>NORTH DAKOTA</b>                             |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Bismark   | 8968  | 7.4                               | 9.9                  | 5.6                                   | 7.2                  | 4.7                              | 5.7                  | 2.8                           | 2.7                  |
| Devils Lake                                     | 9901  | 8.2                               | 10.9                 | 6.2                                   | 7.9                  | 5.1                              | 6.3                  | 3.1                           | 3.0                  |
| Fargo   | 9254  | 7.7                               | 10.2                 | 5.8                                   | 7.4                  | 4.8                              | 5.9                  | 2.9                           | 2.8                  |
| Williston                                       | 9090  | 7.5                               | 10.0                 | 5.7                                   | 7.3                  | 4.7                              | 5.8                  | 2.9                           | 2.7                  |

| <b>SINGLE HOUSE<br/>Guideline Floor Heating</b> |       | Existing house<br>min. insulation |                      | Existing house<br>upgraded insulation |                      | New house<br>standard insulation |                      | New house<br>energy efficient |                      |
|---|-------|-----------------------------------|----------------------|---------------------------------------|----------------------|----------------------------------|----------------------|-------------------------------|----------------------|
| State and City                                  | HDD°F | W/sqft                            | per year<br>kWh/sqft | W/sqft                                | per year<br>kWh/sqft | W/sqft                           | per year<br>kWh/sqft | W/sqft                        | per year<br>kWh/sqft |
| <b>OHIO</b>                                     |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Arkon   | 6160  | 5.1                               | 6.8                  | 3.9                                   | 4.9                  | 3.2                              | 3.9                  | 1.9                           | 1.8                  |
| Cincinnati                                      | 4806  | 4.0                               | 5.3                  | 3.0                                   | 3.8                  | 2.5                              | 3.1                  | 1.5                           | 1.4                  |
| Cleveland                                       | 6201  | 5.1                               | 6.8                  | 3.9                                   | 5.0                  | 3.2                              | 4.0                  | 2.0                           | 1.9                  |
| Columbus  | 5708  | 4.7                               | 6.3                  | 3.6                                   | 4.6                  | 3.0                              | 3.7                  | 1.8                           | 1.7                  |
| Dayton  | 5708  | 4.7                               | 6.3                  | 3.6                                   | 4.6                  | 3.0                              | 3.7                  | 1.8                           | 1.7                  |
| Mansfield                                       | 6258  | 5.2                               | 6.9                  | 3.9                                   | 5.0                  | 3.3                              | 4.0                  | 2.0                           | 1.9                  |
| Toledo  | 6579  | 5.5                               | 7.2                  | 4.1                                   | 5.3                  | 3.4                              | 4.2                  | 2.1                           | 2.0                  |
| Youngstown                                      | 6544  | 5.4                               | 7.2                  | 4.1                                   | 5.2                  | 3.4                              | 4.2                  | 2.1                           | 2.0                  |
| <b>OKLAHOMA</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Oklahoma City                                   | 3659  | 3.0                               | 4.0                  | 2.3                                   | 2.9                  | 1.9                              | 2.3                  | 1.2                           | 1.1                  |
| Tulsa   | 3691  | 3.1                               | 4.1                  | 2.3                                   | 3.0                  | 1.9                              | 2.4                  | 1.2                           | 1.1                  |
| <b>OREGON</b>                                   |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Astoria   | 5158  | 4.3                               | 5.7                  | 3.2                                   | 4.1                  | 2.7                              | 3.3                  | 1.6                           | 1.5                  |
| Burns   | 7785  | 6.5                               | 8.6                  | 4.9                                   | 6.2                  | 4.0                              | 5.0                  | 2.5                           | 2.3                  |
| Eugene  | 4546  | 3.8                               | 5.0                  | 2.8                                   | 3.6                  | 2.4                              | 2.9                  | 1.4                           | 1.4                  |
| Medford   | 4611  | 3.8                               | 5.1                  | 2.9                                   | 3.7                  | 2.4                              | 3.0                  | 1.5                           | 1.4                  |
| Pendleton                                       | 5294  | 4.4                               | 5.8                  | 3.3                                   | 4.2                  | 2.8                              | 3.4                  | 1.7                           | 1.6                  |
| Portland  | 4522  | 3.8                               | 5.0                  | 2.8                                   | 3.6                  | 2.4                              | 2.9                  | 1.4                           | 1.4                  |
| Salem   | 4927  | 4.1                               | 5.4                  | 3.1                                   | 3.9                  | 2.6                              | 3.2                  | 1.6                           | 1.5                  |
| Sexton Summit                                   | 6466  | 5.4                               | 7.1                  | 4.0                                   | 5.2                  | 3.4                              | 4.1                  | 2.0                           | 1.9                  |
| <b>PENNSYLVANIA</b>                             |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Allentown                                       | 5785  | 4.8                               | 6.4                  | 3.6                                   | 4.6                  | 3.0                              | 3.7                  | 1.8                           | 1.7                  |
| Erie  | 6279  | 5.2                               | 6.9                  | 3.9                                   | 5.0                  | 3.3                              | 4.0                  | 2.0                           | 1.9                  |
| Harrisburg                                      | 5347  | 4.4                               | 5.9                  | 3.3                                   | 4.3                  | 2.8                              | 3.4                  | 1.7                           | 1.6                  |
| Philadelphia                                    | 5968  | 5.0                               | 6.6                  | 3.7                                   | 4.8                  | 3.1                              | 3.8                  | 1.9                           | 1.8                  |
| Pittsburgh                                      | 6291  | 5.2                               | 6.9                  | 3.9                                   | 5.0                  | 3.3                              | 4.0                  | 2.0                           | 1.9                  |
| Scranton  | 6254  | 5.2                               | 6.9                  | 3.9                                   | 5.0                  | 3.3                              | 4.0                  | 2.0                           | 1.9                  |
| Williamsport                                    | 6087  | 5.1                               | 6.7                  | 3.8                                   | 4.9                  | 3.2                              | 3.9                  | 1.9                           | 1.8                  |
| <b>RHODE ISLAND</b>                             |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Block Island                                    | 5804  | 4.8                               | 6.4                  | 3.6                                   | 4.6                  | 3.0                              | 3.7                  | 1.8                           | 1.7                  |
| Providence                                      | 5884  | 4.9                               | 6.5                  | 3.7                                   | 4.7                  | 3.1                              | 3.8                  | 1.9                           | 1.8                  |
| <b>SOUTH CAROLINA</b>                           |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Charleston                                      | 2013  | 1.7                               | 2.2                  | 1.3                                   | 1.6                  | 1.0                              | 1.3                  | 0.6                           | 0.6                  |
| Columbia  | 2649  | 2.2                               | 2.9                  | 1.7                                   | 2.1                  | 1.4                              | 1.7                  | 0.8                           | 0.8                  |
| Greenville                                      | 3272  | 2.7                               | 3.6                  | 2.0                                   | 2.6                  | 1.7                              | 2.1                  | 1.0                           | 1.0                  |
| <b>SOUTH DAKOTA</b>                             |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Aberdeen  | 8446  | 7.0                               | 9.3                  | 5.3                                   | 6.8                  | 4.4                              | 5.4                  | 2.7                           | 2.5                  |
| Huron   | 7923  | 6.6                               | 8.7                  | 5.0                                   | 6.3                  | 4.1                              | 5.1                  | 2.5                           | 2.4                  |
| Rapid City                                      | 7301  | 6.1                               | 8.0                  | 4.6                                   | 5.8                  | 3.8                              | 4.7                  | 2.3                           | 2.2                  |
| Sioux Falls                                     | 7809  | 6.5                               | 8.6                  | 4.9                                   | 6.2                  | 4.1                              | 5.0                  | 2.5                           | 2.3                  |
| <b>TENNESSEE</b>                                |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Bristol   | 4406  | 3.7                               | 4.8                  | 2.8                                   | 3.5                  | 2.3                              | 2.8                  | 1.4                           | 1.3                  |
| Chattanooga                                     | 3587  | 3.0                               | 3.9                  | 2.2                                   | 2.9                  | 1.9                              | 2.3                  | 1.1                           | 1.1                  |
| Knoxville                                       | 3937  | 3.3                               | 4.3                  | 2.5                                   | 3.1                  | 2.0                              | 2.5                  | 1.2                           | 1.2                  |
| Memphis   | 3082  | 2.6                               | 3.4                  | 1.9                                   | 2.5                  | 1.6                              | 2.0                  | 1.0                           | 0.9                  |
| Nashville                                       | 3729  | 3.1                               | 4.1                  | 2.3                                   | 3.0                  | 1.9                              | 2.4                  | 1.2                           | 1.1                  |
| Oak Ridge                                       | 4183  | 3.5                               | 4.6                  | 2.6                                   | 3.3                  | 2.2                              | 2.7                  | 1.3                           | 1.3                  |
| <b>TEXAS</b>                                    |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Abilene   | 2584  | 2.1                               | 2.8                  | 1.6                                   | 2.1                  | 1.3                              | 1.7                  | 0.8                           | 0.8                  |
| Amarillo  | 4258  | 3.5                               | 4.7                  | 2.7                                   | 3.4                  | 2.2                              | 2.7                  | 1.3                           | 1.3                  |
| Austin  | 1688  | 1.4                               | 1.9                  | 1.1                                   | 1.4                  | 0.9                              | 1.1                  | 0.5                           | 0.5                  |

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|---|-------|-----------------------------------|----------------------|---------------------------------------|----------------------|----------------------------------|----------------------|-------------------------------|----------------------|
| State and City                                  | HDD°F | W/sqft                            | per year<br>kWh/sqft | W/sqft                                | per year<br>kWh/sqft | W/sqft                           | per year<br>kWh/sqft | W/sqft                        | per year<br>kWh/sqft |
| Brownsville                                     | 635   | 0.5                               | 0.7                  | 0.4                                   | 0.5                  | 0.3                              | 0.4                  | 0.2                           | 0.2                  |
| Corpus Christi                                  | 1016  | 0.8                               | 1.1                  | 0.6                                   | 0.8                  | 0.5                              | 0.7                  | 0.3                           | 0.3                  |
| Dallas-Ft.Worth                                 | 2407  | 2.0                               | 2.6                  | 1.5                                   | 1.9                  | 1.3                              | 1.5                  | 0.8                           | 0.7                  |
| Del Rio   | 506   | 0.4                               | 0.6                  | 0.3                                   | 0.4                  | 0.3                              | 0.3                  | 0.2                           | 0.2                  |
| El Paso   | 2708  | 2.2                               | 3.0                  | 1.7                                   | 2.2                  | 1.4                              | 1.7                  | 0.9                           | 0.8                  |
| Galveston                                       | 1263  | 1.0                               | 1.4                  | 0.8                                   | 1.0                  | 0.7                              | 0.8                  | 0.4                           | 0.4                  |
| Houston   | 1599  | 1.3                               | 1.8                  | 1.0                                   | 1.3                  | 0.8                              | 1.0                  | 0.5                           | 0.5                  |
| Lubbock   | 3431  | 2.8                               | 3.8                  | 2.1                                   | 2.7                  | 1.8                              | 2.2                  | 1.1                           | 1.0                  |
| Midland   | 2751  | 2.3                               | 3.0                  | 1.7                                   | 2.2                  | 1.4                              | 1.8                  | 0.9                           | 0.8                  |
| Port Arthur                                     | 1499  | 1.2                               | 1.6                  | 0.9                                   | 1.2                  | 0.8                              | 1.0                  | 0.5                           | 0.4                  |
| San Angelo                                      | 2414  | 2.0                               | 2.7                  | 1.5                                   | 1.9                  | 1.3                              | 1.5                  | 0.8                           | 0.7                  |
| San Antonio                                     | 1644  | 1.4                               | 1.8                  | 1.0                                   | 1.3                  | 0.9                              | 1.1                  | 0.5                           | 0.5                  |
| Vicotoria                                       | 1296  | 1.1                               | 1.4                  | 0.8                                   | 1.0                  | 0.7                              | 0.8                  | 0.4                           | 0.4                  |
| Waco  | 2179  | 1.8                               | 2.4                  | 1.4                                   | 1.7                  | 1.1                              | 1.4                  | 0.7                           | 0.7                  |
| Wichita Falls                                   | 3042  | 2.5                               | 3.3                  | 1.9                                   | 2.4                  | 1.6                              | 1.9                  | 1.0                           | 0.9                  |
| <b>UTAH</b>                                     |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Milford   | 6511  | 5.4                               | 7.2                  | 4.1                                   | 5.2                  | 3.4                              | 4.2                  | 2.1                           | 2.0                  |
| Salt Lake City                                  | 5765  | 4.8                               | 6.3                  | 3.6                                   | 4.6                  | 3.0                              | 3.7                  | 1.8                           | 1.7                  |
| Wendover  | 5778  | 4.8                               | 6.4                  | 3.6                                   | 4.6                  | 3.0                              | 3.7                  | 1.8                           | 1.7                  |
| <b>VERMONT</b>                                  |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Burlington                                      | 7771  | 6.4                               | 8.5                  | 4.9                                   | 6.2                  | 4.0                              | 5.0                  | 2.4                           | 2.3                  |
| <b>VIRGINIA</b>                                 |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Cape Henry                                      | 3279  | 2.7                               | 3.6                  | 2.0                                   | 2.6                  | 1.7                              | 2.1                  | 1.0                           | 1.0                  |
| Lynchburg                                       | 4340  | 3.6                               | 4.8                  | 2.7                                   | 3.5                  | 2.3                              | 2.8                  | 1.4                           | 1.3                  |
| Norfolk   | 3495  | 2.9                               | 3.8                  | 2.2                                   | 2.8                  | 1.8                              | 2.2                  | 1.1                           | 1.0                  |
| Richmond  | 3963  | 3.3                               | 4.4                  | 2.5                                   | 3.2                  | 2.1                              | 2.5                  | 1.2                           | 1.2                  |
| Roanoke   | 4360  | 3.6                               | 4.8                  | 2.7                                   | 3.5                  | 2.3                              | 2.8                  | 1.4                           | 1.3                  |
| Wallops Island                                  | 4261  | 3.5                               | 4.7                  | 2.7                                   | 3.4                  | 2.2                              | 2.7                  | 1.3                           | 1.3                  |
| <b>WASHINGTON</b>                               |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Olympia   | 5655  | 4.7                               | 6.2                  | 3.5                                   | 4.5                  | 2.9                              | 3.6                  | 1.8                           | 1.7                  |
| Quillyute                                       | 5858  | 4.9                               | 6.4                  | 3.7                                   | 4.7                  | 3.0                              | 3.7                  | 1.8                           | 1.8                  |
| Seattle   | 4611  | 3.8                               | 5.1                  | 2.9                                   | 3.7                  | 2.4                              | 3.0                  | 1.5                           | 1.4                  |
| Spokane   | 6842  | 5.7                               | 7.5                  | 4.3                                   | 5.5                  | 3.6                              | 4.4                  | 2.2                           | 2.1                  |
| Stampede Pass                                   | 9283  | 7.7                               | 10.2                 | 5.8                                   | 7.4                  | 4.8                              | 5.9                  | 2.9                           | 2.8                  |
| Yakima  | 5967  | 5.0                               | 6.6                  | 3.7                                   | 4.8                  | 3.1                              | 3.8                  | 1.9                           | 1.8                  |
| <b>WEST VIRGINIA</b>                            |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Beckley   | 5558  | 4.6                               | 6.1                  | 3.5                                   | 4.4                  | 2.9                              | 3.6                  | 1.8                           | 1.7                  |
| Charleston                                      | 4646  | 3.9                               | 5.1                  | 2.9                                   | 3.7                  | 2.4                              | 3.0                  | 1.5                           | 1.4                  |
| Elkins  | 6120  | 5.1                               | 6.7                  | 3.8                                   | 4.9                  | 3.2                              | 3.9                  | 1.9                           | 1.8                  |
| Huntington                                      | 4665  | 3.9                               | 5.1                  | 2.9                                   | 3.7                  | 2.4                              | 3.0                  | 1.5                           | 1.4                  |
| Parkersburg                                     | 4754  | 3.9                               | 5.2                  | 3.0                                   | 3.8                  | 2.5                              | 3.0                  | 1.5                           | 1.4                  |
| <b>WISCONSIN</b>                                |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Green Bay                                       | 8089  | 6.7                               | 8.9                  | 5.1                                   | 6.5                  | 4.2                              | 5.2                  | 2.5                           | 2.4                  |
| La Crosse                                       | 7491  | 6.2                               | 8.2                  | 4.7                                   | 6.0                  | 3.9                              | 4.8                  | 2.4                           | 2.2                  |
| Madison   | 7673  | 6.4                               | 8.4                  | 4.8                                   | 6.1                  | 4.0                              | 4.9                  | 2.4                           | 2.3                  |
| Milwaukee                                       | 7324  | 6.1                               | 8.1                  | 4.6                                   | 5.9                  | 3.8                              | 4.7                  | 2.3                           | 2.2                  |
| <b>WYOMING</b>                                  |       |                                   |                      |                                       |                      |                                  |                      |                               |                      |
| Casper  | 7682  | 6.4                               | 8.5                  | 4.8                                   | 6.1                  | 4.0                              | 4.9                  | 2.4                           | 2.3                  |
| Cheyenne  | 7326  | 6.1                               | 8.1                  | 4.6                                   | 5.9                  | 3.8                              | 4.7                  | 2.3                           | 2.2                  |
| Lander  | 7889  | 6.5                               | 8.7                  | 4.9                                   | 6.3                  | 4.1                              | 5.0                  | 2.5                           | 2.4                  |
| Sheridan  | 7804  | 6.5                               | 8.6                  | 4.9                                   | 6.2                  | 4.1                              | 5.0                  | 2.5                           | 2.3                  |