

**Table 3. Farms Reporting Photovoltaic (PV) and Thermal Solar Panels by Type, Capacity, Installation Cost, Percent Funded by Outside Sources, and Year of Installation: 2009**

| State                | Farms | Farms reporting <sup>1</sup> |                      | Average per farm                     |  | Percent of installation cost funded by outside sources <sup>1</sup> | Year solar panels installed <sup>2</sup><br>(number of solar panels) |           |           |
|----------------------|-------|------------------------------|----------------------|--------------------------------------|--|---|--|-----------|-----------|
|                      |       | PV solar panels              | Thermal solar panels | PV rated generating capacity (watts) | Installation cost <sup>1</sup> (dollars) |   | Prior to 2000  | 2000-2004 | 2005-2009 |
| United States .....  | 7,968 | 7,236                        | 1,835                | 4,449                                | 31,947                                   | 44  | 18,881   | 45,028    | 108,532   |
| Alabama .....        | 33    | 24                           | 13                   | 865                                  | 6,948                                    | 47  | 25   | 9         | 96        |
| Alaska .....         | 16    | 15                           | 1                    | 865                                  | 9,134                                    | 42  | 66   | (D)       | 79        |
| Arizona .....        | 255   | 242                          | 41                   | 2,002                                | 19,992                                   | 50  | 1,200  | 1,271     | 1,795     |
| Arkansas .....       | 41    | 37                           | 5                    | 833                                  | 7,502                                    | (D)   | 238  | 47        | 132       |
| California .....     | 1,906 | 1,825                        | 385                  | 11,229                               | 78,910                                   | 41  | 4,242  | 27,544    | 64,328    |
| Colorado .....       | 504   | 445                          | 117                  | 1,654                                | 16,879                                   | 47  | 1,843  | 1,462     | 2,520     |
| Connecticut .....    | 26    | 23                           | 10                   | 4,173                                | 29,571                                   | 52  | (D)  | 54        | 428       |
| Delaware .....       | 4     | 4                            | -                    | 15,500                               | 101,250                                  | 54  | -  | -         | (D)       |
| Florida .....        | 88    | 69                           | 39                   | 2,162                                | 12,223                                   | 40  | 148  | 54        | 488       |
| Georgia .....        | 32    | 30                           | 4                    | 3,625                                | 28,545                                   | 66  | 22   | 76        | 378       |
| Hawaii .....         | 520   | 469                          | 213                  | 1,790                                | 16,665                                   | 28  | 1,498  | 1,790     | 4,189     |
| Idaho .....          | 131   | 121                          | 21                   | 916                                  | 12,524                                   | 55  | 442  | 220       | 396       |
| Illinois .....       | 58    | 45                           | 18                   | 4,575                                | 39,018                                   | 44  | 344  | 803       | 384       |
| Indiana .....        | 127   | 112                          | 27                   | 543                                  | 5,262                                    | -   | 132  | 131       | 323       |
| Iowa .....           | 40    | 34                           | 19                   | 1,988                                | 17,791                                   | 47  | 42   | 142       | 380       |
| Kansas .....         | 116   | 93                           | 36                   | 408                                  | 4,607                                    | 55  | 186  | 81        | 172       |
| Kentucky .....       | 67    | 56                           | 21                   | 776                                  | 6,305                                    | 29  | 62   | 36        | 387       |
| Louisiana .....      | 13    | 13                           | 2                    | 876                                  | 10,970                                   | (D)   | (D)  | (D)       | 74        |
| Maine .....          | 97    | 87                           | 27                   | 1,680                                | 13,892                                   | 26  | 330  | 216       | 1,161     |
| Maryland .....       | 21    | 19                           | 11                   | 2,665                                | 24,201                                   | 26  | 115  | (D)       | 298       |
| Massachusetts .....  | 63    | 50                           | 22                   | 3,678                                | 27,624                                   | 53  | 154  | 173       | 959       |
| Michigan .....       | 75    | 53                           | 27                   | 841                                  | 7,416                                    | 30  | 198  | 64        | 278       |
| Minnesota .....      | 73    | 51                           | 34                   | 1,409                                | 11,178                                   | 45  | 193  | 133       | 240       |
| Mississippi .....    | 23    | 23                           | 1                    | 706                                  | 11,593                                   | (D)   | 14   | 58        | 48        |
| Missouri .....       | 93    | 84                           | 22                   | 1,022                                | 9,429                                    | 54  | 114  | 63        | 360       |
| Montana .....        | 238   | 226                          | 35                   | 988                                  | 9,180                                    | 48  | 562  | 565       | 882       |
| Nebraska .....       | 65    | 65                           | 7                    | 742                                  | 5,632                                    | 57  | 149  | 232       | 317       |
| Nevada .....         | 51    | 51                           | 6                    | 1,832                                | 21,971                                   | 33  | 152  | 166       | 542       |
| New Hampshire .....  | 49    | 35                           | 26                   | 1,641                                | 16,173                                   | (D)   | 413  | -         | 416       |
| New Jersey .....     | 138   | 138                          | 24                   | 14,081                               | 112,855                                  | 64  | 216  | 2,204     | 9,631     |
| New Mexico .....     | 258   | 241                          | 38                   | 1,261                                | 12,888                                   | 39  | 675  | 690       | 1,000     |
| New York .....       | 156   | 140                          | 29                   | 2,501                                | 21,661                                   | 59  | 315  | 459       | 1,867     |
| North Carolina ..... | 104   | 67                           | 55                   | 1,015                                | 10,198                                   | 47  | 159  | 163       | 388       |
| North Dakota .....   | 29    | 28                           | 2                    | 429                                  | 5,048                                    | 47  | 17   | 40        | 68        |
| Ohio .....           | 130   | 115                          | 23                   | 1,614                                | 12,122                                   | 53  | 185  | 781       | 454       |
| Oklahoma .....       | 187   | 167                          | 37                   | 428                                  | 4,612                                    | 45  | 164  | 210       | 351       |
| Oregon .....         | 332   | 294                          | 97                   | 3,002                                | 22,147                                   | 44  | 793  | 1,046     | 3,284     |
| Pennsylvania .....   | 173   | 160                          | 37                   | 1,750                                | 20,699                                   | 44  | 122  | 290       | 2,048     |
| Rhode Island .....   | 12    | 10                           | 6                    | (D)                                  | 30,960                                   | (D)   | 18   | (D)       | 236       |
| South Carolina ..... | 20    | 18                           | 5                    | (D)                                  | 5,047                                    | 54  | 42   | 28        | 53        |
| South Dakota .....   | 55    | 45                           | 12                   | 696                                  | 7,470                                    | 49  | 44   | 109       | 148       |
| Tennessee .....      | 66    | 59                           | 9                    | 1,065                                | 8,657                                    | 29  | 199  | 114       | 396       |
| Texas .....          | 573   | 541                          | 67                   | 783                                  | 7,692                                    | 42  | 511  | 806       | 1,850     |
| Utah .....           | 133   | 125                          | 20                   | 1,211                                | 14,573                                   | 51  | 183  | 580       | 504       |
| Vermont .....        | 110   | 103                          | 28                   | 1,304                                | 15,510                                   | 34  | 444  | 272       | 582       |
| Virginia .....       | 83    | 70                           | 16                   | 869                                  | 12,868                                   | 22  | 104  | 186       | 360       |
| Washington .....     | 205   | 188                          | 39                   | 1,547                                | 10,377                                   | 16  | 588  | 740       | 872       |
| West Virginia .....  | 27    | 24                           | 5                    | 521                                  | 8,166                                    | (D)   | 52   | 56        | (D)       |
| Wisconsin .....      | 176   | 134                          | 78                   | 2,484                                | 17,607                                   | 27  | 866  | 424       | 1,333     |
| Wyoming .....        | 176   | 168                          | 18                   | 1,275                                | 10,362                                   | 42  | 287  | 411       | 793       |

<sup>1</sup> Only includes positive reported data. Operations that reported zero or failed to report are not included.

<sup>2</sup> Only includes operations reporting year installed.