

## Appendix D: Residential Component Data

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# Watt Buster Participant Group - General Characteristics

| LAND USE DESCRIPTION | RESIDENTIAL STYLE | YEAR BUILT | TOTAL ROOMS | BED ROOMS | BATH ROOMS | HEAT TYPE  | HEATING FUEL | LIVING AREA SQ FT | EFFICIENT (1-Y, 0-N) | MAR-09 | APR-09 | MAY-09 | JUN-09 | JAN-10 | FEB-10 | MAR-10 | APR-10 | MAY-10 | JUN-10 |
|----------------------|-------------------|------------|-------------|-----------|------------|------------|--------------|-------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Single Family        | Bi-Level          | 1997       | 8           | 4         | 2          | Forced Air | Natural Gas  | 1,962             | 1                    | 1042   | 928    | 969    | 1030   | 1,449  | 1,249  | 1,040  | 944    | 937    | 988    |
| Single Family        | Bi-Level          | 1963       | 7           | 4         | 2          | Forced Air | Natural Gas  | 1,932             | 0                    | 1178   | 1136   | 982    | 967    | 1,475  | 1,504  | 912    | 1,131  | 966    | 933    |
| Single Family        | Bi-Level          | 2001       | 9           | 4         | 3          | Forced Air | Natural Gas  | 2,365             | 0                    | 600    | 483    | 487    | 513    | 624    | 620    | 540    | 603    | 471    | 402    |
| Single Family        | Bi-Level          | 1982       | 7           | 3         | 2          | Forced Air | Natural Gas  | 1,824             | 0                    | 740    | 533    | 553    | 366    | 864    | 717    | 585    | 594    | 593    | 483    |
| Single Family        | Bi-Level          | 1986       | 7           | 4         | 2          | Forced Air | Natural Gas  | 1,432             | 0                    | 516    | 509    | 387    | 588    | 733    | 736    | 594    | 583    | 521    | 539    |
| Single Family        | Bi-Level          | 1997       | 8           | 3         | 2          | Forced Air | Natural Gas  | 2,005             | 1                    | 863    | 813    | 621    | 509    | 1,182  | 1,120  | 936    | 725    | 585    | 507    |
| Single Family        | Bi-Level          | 1985       | 7           | 3         | 2          | Forced Air | Natural Gas  | 2,021             | 0                    | 665    | 621    | 491    | 549    | 660    | 648    | 635    | 618    | 500    | 515    |
| Single Family        | Bi-Level          | 1999       | 8           | 4         | 2          | Forced Air | Natural Gas  | 2,202             | 1                    | 514    | 442    | 442    | 354    | 637    | 564    | 482    | 546    | 468    | 438    |
| Single Family        | Bi-Level          | 1984       | 5           | 3         | 2          | Forced Air | Natural Gas  | 1,352             | 1                    | 735    | 907    | 1004   | 979    | 1,159  | 1,159  | 1,020  | 948    | 1,129  | 733    |
| Single Family        | Bi-Level          | 1982       | 7           | 3         | 2          | Forced Air | Natural Gas  | 2,072             | 0                    | 430    | 532    | 445    | 422    | 714    | 593    | 503    | 502    | 530    | 512    |
| Single Family        | Bi-Level          | 1967       | 8           | 4         | 2          | Hot Water  | Electric     | 1,872             | 0                    | 866    | 904    | 788    | 822    | 1,242  | 977    | 840    | 721    | 671    | 823    |
| Single Family        | Bi-Level          | 1975       | 7           | 4         | 2          | Hot Water  | Natural Gas  | 2,222             | 0                    | 862    | 703    | 675    | 631    | 1,178  | 1,056  | 700    | 776    | 567    | 588    |
| Single Family        | Bi-Level          | 1960       | 7           | 2         | 2          | Hot Water  | Natural Gas  | 3,008             | 0                    | 443    | 353    | 326    | 319    | 595    | 546    | 365    | 354    | 344    | 349    |
| Single Family        | Bi-Level          | 1974       | 7           | 3         | 2          | Hot Water  | Natural Gas  | 1,728             | 0                    | 670    | 704    | 775    | 650    | 1,234  | 1,023  | 844    | 744    | 720    | 631    |
| Single Family        | Bi-Level          | 1968       | 7           | 4         | 2          | Hot Water  | Natural Gas  | 1,920             | 1                    | 561    | 445    | 294    | 313    | 573    | 546    | 488    | 376    | 293    | 326    |
| Single Family        | Bi-Level          | 1980       | 6           | 3         | 2          | Hot Water  | Natural Gas  | 1,840             | 0                    | 559    | 626    | 545    | 520    | 1,004  | 882    | 953    | 888    | 766    | 701    |
| Single Family        | Bi-Level          | 1970       | 10          | 4         | 2          | Hot Water  | Natural Gas  | 2,208             | 0                    | 720    | 696    | 676    | 623    | 834    | 758    | 663    | 797    | 690    | 669    |
| Single Family        | Bi-Level          | 1971       | 8           | 4         | 2          | Hot Water  | Natural Gas  | 2,136             | 0                    | 378    | 415    | 407    | 383    | 548    | 599    | 450    | 448    | 450    | 404    |
| Single Family        | Bi-Level          | 1975       | 6           | 4         | 2          | Hot Water  | Natural Gas  | 1,464             | 0                    | 647    | 737    | 685    | 748    | 899    | 720    | 636    | 563    | 590    | 485    |
| Single Family        | Bi-Level          | 1974       | 8           | 5         | 2          | Hot Water  | Natural Gas  | 2,542             | 0                    | 681    | 840    | 737    | 765    | 748    | 703    | 551    | 534    | 580    | 527    |
| Single Family        | Bi-Level          | 1973       | 9           | 5         | 2          | Hot Water  | Natural Gas  | 2,200             | 0                    | 891    | 852    | 836    | 916    | 1,443  | 1,023  | 846    | 665    | 688    | 719    |
| Single Family        | Bi-Level          | 1963       | 7           | 4         | 2          | Hot Water  | Natural Gas  | 2,232             | 0                    | 2303   | 1816   | 1248   | 1035   | 3,210  | 3,055  | 3,112  | 1,809  | 2,540  | 1,202  |
| Single Family        | Bi-Level          | 1970       | 8           | 4         | 2          | Hot Water  | Natural Gas  | 2,044             | 0                    | 1784   | 1316   | 1024   | 882    | 1,657  | 1,728  | 864    | 1,094  | 957    | 938    |
| Single Family        | Bi-Level          | 1965       | 8           | 4         | 2          | Hot Water  | Natural Gas  | 2,046             | 0                    | 561    | 574    | 470    | 597    | 2,011  | 1,891  | 1,580  | 1,450  | 709    | 355    |
| Single Family        | Bi-Level          | 1969       | 7           | 3         | 2          | Hot Water  | Natural Gas  | 1,688             | 0                    | 452    | 323    | 313    | 316    | 455    | 477    | 453    | 356    | 240    | 199    |
| Single Family        | Bi-Level          | 1972       | 18          | 7         | 5          | Hot Water  | Natural Gas  | 5,164             | 0                    | 3371   | 2086   | 1268   | 1126   | 5,242  | 4,673  | 4,357  | 4,511  | 3,454  | 1,508  |
| Single Family        | Bi-Level          | 2001       | 7           | 3         | 3          | Radiant    | Natural Gas  | 4,111             | 0                    | 1255   | 1480   | 1363   | 1266   | 1,504  | 1,093  | 1,132  | 1,125  | 1,145  | 1,201  |
| Single Family        | Custom            | 2004       | 6           | 4         | 3          | Forced Air | Natural Gas  | 2,620             | 0                    | 901    | 893    | 720    | 678    | 1,316  | 1,092  | 900    | 1,014  | 848    | 761    |
| Single Family        | Other             | 1954       | 7           | 4         | 2          | Forced Air | Natural Gas  | 3,311             | 1                    | 657    | 567    | 391    | 480    | 833    | 858    | 714    | 550    | 397    | 440    |
| Single Family        | Other             | 1974       | 9           | 4         | 3          | Forced Air | Natural Gas  | 3,748             | 0                    | 1528   | 1247   | 881    | 924    | 1,427  | 1,357  | 939    | 1,469  | 1,220  | 947    |
| Single Family        | Other             | 1981       | 5           | 1         | 1          | Forced Air | Natural Gas  | 1,026             | 0                    | 610    | 589    | 537    | 593    | 1,572  | 1,638  | 1,594  | 335    | 158    | 147    |
| Single Family        | Other             | 1976       | 7           | 3         | 2          | Hot Water  | Natural Gas  | 1,509             | 0                    | 872    | 792    | 775    | 848    | 1,222  | 1,031  | 927    | 923    | 808    | 837    |
| Single Family        | Patio Home        | 1984       | 5           | 2         | 1          | Forced Air | Natural Gas  | 818               | 0                    | 556    | 581    | 501    | 574    | 633    | 599    | 553    | 568    | 547    | 526    |
| Single Family        | Patio Home        | 1995       | 7           | 3         | 2          | Forced Air | Natural Gas  | 1,852             | 1                    | 659    | 689    | 635    | 668    | 872    | 900    | 744    | 693    | 621    | 528    |
| Single Family        | Patio Home        | 1993       | 6           | 3         | 2          | Forced Air | Natural Gas  | 2,020             | 0                    | 701    | 638    | 632    | 562    | 833    | 988    | 671    | 668    | 671    | 558    |
| Single Family        | Patio Home        | 1999       | 6           | 3         | 2          | Forced Air | Natural Gas  | 1,620             | 0                    | 687    | 579    | 467    | 492    | 776    | 822    | 744    | 792    | 641    | 671    |
| Single Family        | Patio Home        | 1982       | 8           | 4         | 1          | Forced Air | Natural Gas  | 1,667             | 0                    | 735    | 621    | 603    | 757    | 1,010  | 955    | 871    | 756    | 620    | 639    |
| Single Family        | Ranch             | 1958       | 5           | 2         | 1          | Forced Air | Natural Gas  | 813               | 0                    | 775    | 712    | 532    | 494    | 856    | 871    | 719    | 687    | 517    | 503    |
| Single Family        | Ranch             | 1953       | 5           | 2         | 1          | Forced Air | Natural Gas  | 980               | 0                    | 1140   | 878    | 579    | 485    | 1,334  | 1,496  | 1,140  | 614    | 639    | 419    |
| Single Family        | Ranch             | 1983       | 6           | 3         | 2          | Forced Air | Natural Gas  | 1,160             | 0                    | 937    | 747    | 703    | 739    | 1,204  | 1,302  | 848    | 651    | 703    | 662    |
| Single Family        | Ranch             | 1961       | 6           | 2         | 1          | Hot Water  | Natural Gas  | 1,295             | 0                    | 505    | 498    | 519    | 468    | 636    | 630    | 473    | 510    | 438    | 444    |
| Single Family        | Split Level       | 1982       | 5           | 3         | 1          | Forced Air | Natural Gas  | 1,496             | 0                    | 900    | 825    | 785    | 803    | 1,095  | 964    | 831    | 834    | 742    | 774    |
| Single Family        | Split Level       | 1985       | 6           | 3         | 2          | Forced Air | Natural Gas  | 3,374             | 1                    | 546    | 551    | 497    | 590    | 526    | 505    | 460    | 365    | 336    | 490    |
| Single Family        | Split Level       | 1960       | 7           | 4         | 2          | Hot Water  | Natural Gas  | 2,623             | 0                    | 918    | 518    | 633    | 366    | 848    | 966    | 931    | 621    | 549    | 632    |
| Single Family        | Split Level       | 1978       | 8           | 5         | 3          | Hot Water  | Natural Gas  | 2,704             | 0                    | 683    | 683    | 693    | 845    | 1,163  | 860    | 740    | 645    | 606    | 708    |
| Single Family        | Townhouse         | 2001       | 7           | 3         | 2          | Forced Air | Natural Gas  | 1,452             | 0                    | 1030   | 1130   | 1034   | 1070   | 1,607  | 1,647  | 1,807  | 1,467  | 1,125  | 1,103  |
| Single Family        | Townhouse         | 1981       | 5           | 2         | 2          | Forced Air | Natural Gas  | 1,497             | 0                    | 480    | 402    | 421    | 369    | 647    | 513    | 423    | 422    | 342    | 428    |
| Single Family        | Townhouse         | 1982       | 6           | 3         | 2          | Forced Air | Natural Gas  | 1,118             | 0                    | 793    | 958    | 772    | 847    | 888    | 817    | 789    | 705    | 604    | 707    |
| Single Family        | Townhouse         | 1983       | 6           | 3         | 2          | Forced Air | Natural Gas  | 1,708             | 1                    | 738    | 561    | 426    | 426    | 527    | 429    | 329    | 162    | 206    | 223    |

# Watt Buster Participant Group - General Characteristics

| LAND USE DESCRIPTION | RESIDENTIAL STYLE | YEAR BUILT | TOTAL ROOMS | BED ROOMS | BATH ROOMS | HEAT TYPE  | HEATING FUEL | LIVING AREA SQ FT | EFFICIENT (1-Y, 0-N) | MAR-09 | APR-09 | MAY-09 | JUN-09 | JAN-10 | FEB-10 | MAR-10 | APR-10 | MAY-10 | JUN-10 |
|----------------------|-------------------|------------|-------------|-----------|------------|------------|--------------|-------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Single Family        | Townhouse         | 1977       | 6           | 3         | 1          | Forced Air | Natural Gas  | 960               | 0                    | 446    | 495    | 356    | 322    | 616    | 517    | 522    | 379    | 420    | 373    |
| Single Family        | Townhouse         | 1984       | 8           | 5         | 2          | Forced Air | Natural Gas  | 1,862             | 0                    | 709    | 1016   | 666    | 483    | 1,342  | 1,489  | 1,213  | 716    | 592    | 576    |
| Single Family        | Townhouse         | 1993       | 8           | 2         | 1          | Hot Water  | Natural Gas  | 1,688             | 1                    | 825    | 805    | 481    | 296    | 919    | 933    | 755    | 570    | 634    | 557    |
| Single Family        | Townhouse         | 1978       | 6           | 3         | 2          | Hot Water  | Natural Gas  | 1,486             | 1                    | 736    | 638    | 646    | 617    | 865    | 837    | 871    | 710    | 703    | 609    |
| Single Family        | Townhouse         | 1986       | 7           | 3         | 1          | Hot Water  | Natural Gas  | 1,428             | 1                    | 683    | 636    | 676    | 681    | 787    | 775    | 923    | 878    | 775    | 485    |
| Single Family        | Townhouse         | 1984       | 5           | 2         | 1          | Hot Water  | Natural Gas  | 990               | 0                    | 449    | 480    | 384    | 468    | 512    | 479    | 458    | 470    | 434    | 433    |
| Single Family        | Two Story         | 1993       | 7           | 3         | 2          | Forced Air | Natural Gas  | 2,660             | 0                    | 1477   | 1146   | 1029   | 948    | 1,877  | 1,767  | 1,200  | 1,173  | 1,128  | 933    |
| Single Family        | Two Story         | 1985       | 8           | 4         | 2          | Forced Air | Natural Gas  | 2,620             | 1                    | 1008   | 804    | 705    | 1977   | 1,514  | 1,311  | 1,042  | 1,105  | 826    | 1,110  |
| Single Family        | Two Story         | 1983       | 7           | 3         | 2          | Forced Air | Natural Gas  | 2,166             | 0                    | 845    | 745    | 820    | 840    | 1,420  | 1,362  | 1,272  | 960    | 752    | 673    |
| Single Family        | Two Story         | 1980       | 7           | 4         | 2          | Forced Air | Natural Gas  | 2,592             | 0                    | 804    | 877    | 755    | 872    | 1,046  | 1,183  | 1,226  | 1,075  | 974    | 1,341  |
| Single Family        | Two Story         | 1997       | 10          | 3         | 2          | Forced Air | Natural Gas  | 3,034             | 0                    | 519    | 482    | 448    | 430    | 550    | 600    | 632    | 538    | 552    | 437    |
| Single Family        | Two Story         | 2003       | 7           | 4         | 2          | Forced Air | Natural Gas  | 2,608             | 0                    | 703    | 515    | 536    | 476    | 847    | 748    | 749    | 568    | 477    | 497    |
| Single Family        | Two Story         | 1994       | 8           | 4         | 2          | Forced Air | Natural Gas  | 2,880             | 1                    | 688    | 649    | 543    | 680    | 793    | 854    | 827    | 565    | 648    | 738    |
| Single Family        | Two Story         | 1999       | 8           | 5         | 3          | Forced Air | Natural Gas  | 2,719             | 1                    | 1160   | 744    | 597    | 623    | 1,160  | 1,063  | 924    | 619    | 566    | 591    |
| Single Family        | Two Story         | 1994       | 8           | 4         | 3          | Forced Air | Natural Gas  | 4,810             | 1                    | 1097   | 1239   | 1258   | 881    | 926    | 853    | 757    | 647    | 691    | 715    |
| Single Family        | Two Story         | 1985       | 9           | 4         | 3          | Forced Air | Natural Gas  | 2,442             | 0                    | 815    | 619    | 475    | 539    | 805    | 573    | 628    | 661    | 471    | 401    |
| Single Family        | Two Story         | 1994       | 7           | 3         | 2          | Forced Air | Natural Gas  | 2,234             | 0                    | 755    | 726    | 674    | 687    | 1,040  | 961    | 908    | 706    | 666    | 593    |
| Single Family        | Two Story         | 1978       | 6           | 3         | 3          | Forced Air | Natural Gas  | 2,632             | 0                    | 1166   | 1177   | 926    | 1050   | 1,403  | 1,145  | 1,051  | 696    | 729    | 842    |
| Single Family        | Two Story         | 1991       | 9           | 4         | 2          | Forced Air | Natural Gas  | 2,190             | 0                    | 707    | 730    | 791    | 788    | 1,094  | 1,021  | 986    | 839    | 886    | 785    |
| Single Family        | Two Story         | 2000       | 7           | 3         | 2          | Forced Air | Natural Gas  | 1,892             | 0                    | 762    | 1162   | 745    | 654    | 792    | 889    | 911    | 666    | 849    | 738    |
| Single Family        | Two Story         | 2001       | 7           | 4         | 2          | Forced Air | Natural Gas  | 2,556             | 0                    | 867    | 871    | 759    | 743    | 612    | 872    | 678    | 697    | 657    | 628    |
| Single Family        | Two Story         | 2001       | 7           | 4         | 2          | Forced Air | Natural Gas  | 2,684             | 0                    | 930    | 1052   | 910    | 832    | 1,043  | 782    | 688    | 789    | 886    | 961    |
| Single Family        | Two Story         | 1981       | 10          | 4         | 3          | Forced Air | Natural Gas  | 3,306             | 0                    | 2213   | 1653   | 1668   | 1885   | 2,533  | 2,240  | 1,773  | 1,718  | 1,365  | 1,501  |
| Single Family        | Two Story         | 1980       | 8           | 4         | 2          | Forced Air | Natural Gas  | 2,154             | 0                    | 900    | 631    | 557    | 500    | 1,026  | 1,061  | 702    | 630    | 475    | 428    |
| Single Family        | Two Story         | 1976       | 8           | 3         | 2          | Forced Air | Natural Gas  | 5,040             | 0                    | 1874   | 1875   | 1892   | 2053   | 2,219  | 2,153  | 2,316  | 2,094  | 1,937  | 2,126  |
| Single Family        | Two Story         | 1991       | 8           | 4         | 3          | Forced Air | Natural Gas  | 2,949             | 0                    | 576    | 618    | 483    | 495    | 966    | 865    | 740    | 675    | 602    | 424    |
| Single Family        | Two Story         | 1998       | 12          | 5         | 4          | Forced Air | Natural Gas  | 4,261             | 0                    | 950    | 772    | 546    | 619    | 971    | 999    | 922    | 623    | 566    | 581    |
| Single Family        | Two Story         | 2000       | 7           | 4         | 2          | Forced Air | Natural Gas  | 1,840             | 0                    | 787    | 509    | 387    | 415    | 732    | 705    | 648    | 542    | 503    | 413    |
| Single Family        | Two Story         | 1989       | 7           | 3         | 2          | Forced Air | Natural Gas  | 2,188             | 0                    | 885    | 881    | 905    | 822    | 1,076  | 953    | 997    | 957    | 959    | 838    |
| Single Family        | Two Story         | 1999       | 7           | 4         | 2          | Forced Air | Natural Gas  | 2,592             | 1                    | 1004   | 1025   | 778    | 767    | 1,598  | 1,295  | 1,216  | 1,018  | 933    | 904    |
| Single Family        | Two Story         | 1981       | 9           | 4         | 2          | Hot Water  | Natural Gas  | 2,464             | 0                    | 1207   | 730    | 645    | 724    | 2,075  | 2,128  | 1,411  | 1,113  | 757    | 735    |
| Single Family        | Two Story         | 1981       | 10          | 4         | 2          | Hot Water  | Natural Gas  | 2,968             | 0                    | 1198   | 1053   | 804    | 810    | 809    | 1,089  | 925    | 1,005  | 724    | 751    |
| Single Family        | Two Story         | 1977       | 8           | 3         | 2          | Hot Water  | Natural Gas  | 2,416             | 1                    | 627    | 635    | 615    | 480    | 670    | 784    | 861    | 617    | 560    | 378    |
| Single Family        | Two Story         | 1977       | 6           | 3         | 1          | Hot Water  | Natural Gas  | 1,842             | 0                    | 826    | 653    | 503    | 625    | 766    | 868    | 704    | 723    | 673    | 645    |
| Single Family        | Two Story         | 1996       | 7           | 3         | 2          | Hot Water  | Natural Gas  | 1,700             | 0                    | 503    | 338    | 290    | 251    | 446    | 496    | 219    | 272    | 292    | 257    |
| Single Family        | Two Story         | 1975       | 11          | 4         | 3          | Hot Water  | Natural Gas  | 3,818             | 0                    | 684    | 576    | 537    | 655    | 706    | 840    | 717    | 765    | 614    | 592    |
| Single Family        | Two Story         | 2005       | 10          | 3         | 2          | Radiant    | Natural Gas  | 3,700             | 0                    | 970    | 846    | 989    | 819    | 1,253  | 1,081  | 1,013  | 854    | 743    | 779    |
| Duplex               | Condominium       | 2003       | 6           | 2         | 2          | Forced Air | Natural Gas  | 1,592             | 0                    | 609    | 492    | 471    | 446    | 727    | 593    | 851    | 769    | 850    | 580    |
| Duplex               | Two Story         | 1978       | 10          | 7         | 3          | Hot Water  | Natural Gas  | 3,694             | 1                    | 1524   | 1379   | 1223   | 1271   | 1,642  | 1,935  | 1,558  | 1,570  | 1,205  | 1,058  |
| Condominium          | Condominium       | 2002       | 6           | 3         | 2          | Forced Air | Natural Gas  | 1,349             | 0                    | 833    | 743    | 731    | 693    | 958    | 1,110  | 785    | 805    | 741    | 655    |
| Condominium          | Condominium       | 1976       | 6           | 3         | 2          | Forced Air | Natural Gas  | 1,474             | 0                    | 533    | 543    | 432    | 443    | 679    | 707    | 493    | 480    | 428    | 417    |

Included in the "Forced Air" participant comparison group

Included in the "Hot Water" participant comparison group

## WATT BUSTER "HOT WATER" RESIDENTIAL COMPARISON SUMMARY

| Control Group Description |               | Participant Group Description |               |
|---------------------------|---------------|-------------------------------|---------------|
| Number:                   | 1,097         | Number:                       | 21            |
| Land Use:                 | Single Family | Land Use:                     | Single Family |
| House Type 1:             | Bi-Level      | House Type 1:                 | Bi-Level      |
| House Type 2:             | Two Story     | House Type 2:                 | Two Story     |
| House Type 3:             | Split Level   | House Type 3:                 | Split Level   |
| Average Yr Blt:           | 1974          | Average Yr Blt:               | 1973          |
| Total Rooms:              | 8             | Total Rooms:                  | 8             |
| Bedrooms:                 | 4             | Bedrooms:                     | 4             |
| Bathrooms:                | 2.5           | Bathrooms:                    | 2.5           |
| Living Area Sq Ft:        | 2,348         | Living Area Sq Ft:            | 2,284         |
| Heat Type:                | Hot Water     | Heat Type:                    | Hot Water     |
| Heat Fuel:                | Natural Gas   | Heat Fuel:                    | Natural Gas   |

| Average Use               |     | Average Use |       | Difference                  | % Difference |
|---------------------------|-----|-------------|-------|-----------------------------|--------------|
| Pre-Tendrill Deployment   |     |             |       | Participant vs. Control Grp |              |
| Jan-10                    | 983 | Jan-10      | 1,100 | 117                         | 11.9%        |
| Feb-10                    | 921 | Feb-10      | 1,056 | 135                         | 14.6%        |
| Average:                  | 952 | Average:    | 1,078 | 126                         | 13.2%        |
| During Tendril Deployment |     |             |       | Participant vs. Control Grp |              |
| Mar-10                    | 838 | Mar-10      | 872   | 34                          | 4.1%         |
| Apr-10                    | 782 | Apr-10      | 757   | -25                         | -3.2%        |
| May-10                    | 724 | May-10      | 678   | -46                         | -6.3%        |
| Jun-10                    | 678 | Jun-10      | 578   | -100                        | -14.7%       |
| Average:                  | 755 | Average:    | 721   | -34                         | -4.5%        |

| Participant Group 2009 |     | Participant Group 2010 (ADJ) |     | Difference | % Difference |
|------------------------|-----|------------------------------|-----|------------|--------------|
| Mar-09                 | 825 | Mar-09                       | 846 | 21         | 2.5%         |
| Apr-09                 | 711 | Apr-09                       | 752 | 41         | 5.8%         |
| May-09                 | 630 | May-09                       | 656 | 26         | 4.1%         |
| Jun-09                 | 611 | Jun-09                       | 577 | -34        | -5.6%        |
| Average:               | 694 | Average:                     | 708 | 13         | 1.9%         |

Note: Significant factors having an impact on the final interpreted results/observations but not addressed in the analysis include number of residents per household, energy price and weather (including temperature and cloud cover).

## WATT BUSTER "FORCED AIR" RESIDENTIAL COMPARISON SUMMARY

| Control Group Description |               | Participant Group Description |               |
|---------------------------|---------------|-------------------------------|---------------|
| Number:                   | 811           | Number:                       | 23            |
| Land Use:                 | Single Family | Land Use:                     | Single Family |
| House Type 1:             | Bi-Level      | House Type 1:                 | Bi-Level      |
| House Type 2:             | Two Story     | House Type 2:                 | Two Story     |
| House Type 3:             | Split Level   | House Type 3:                 | Split Level   |
| Average Yr Blt:           | 1990          | Average Yr Blt:               | 1992          |
| Total Rooms:              | 8             | Total Rooms:                  | 8             |
| Bedrooms:                 | 4             | Bedrooms:                     | 4             |
| Bathrooms:                | 2.5           | Bathrooms:                    | 2.5           |
| Living Area Sq Ft:        | 2,399         | Living Area Sq Ft:            | 2,450         |
| Heat Type:                | Forced Air    | Heat Type:                    | Forced Air    |
| Heat Fuel:                | Natural Gas   | Heat Fuel:                    | Natural Gas   |

| Average Use               |       | Average Use |       | Difference                  | % Difference |
|---------------------------|-------|-------------|-------|-----------------------------|--------------|
| Pre-Tendrill Deployment   |       |             |       | Participant vs. Control Grp |              |
| Jan-10                    | 1,100 | Jan-10      | 1,069 | -31                         | -2.8%        |
| Feb-10                    | 1,014 | Feb-10      | 989   | -24                         | -2.4%        |
| Average:                  | 1,057 | Average:    | 1,029 | -28                         | -2.6%        |
| During Tendril Deployment |       |             |       | Participant vs. Control Grp |              |
| Mar-10                    | 924   | Mar-10      | 863   | -61                         | -6.6%        |
| Apr-10                    | 833   | Apr-10      | 777   | -56                         | -6.7%        |
| May-10                    | 773   | May-10      | 711   | -62                         | -8.1%        |
| Jun-10                    | 673   | Jun-10      | 721   | 48                          | 7.1%         |
| Average:                  | 801   | Average:    | 768   | -33                         | -4.1%        |

| Participant Group 2009 |     | Participant Group 2010 (ADJ) |     | Difference | % Difference |
|------------------------|-----|------------------------------|-----|------------|--------------|
| Mar-09                 | 875 | Mar-09                       | 834 | -40        | -4.6%        |
| Apr-09                 | 769 | Apr-09                       | 771 | 2          | 0.3%         |
| May-09                 | 687 | May-09                       | 687 | 0          | 0.0%         |
| Jun-09                 | 760 | Jun-09                       | 722 | -38        | -5.0%        |
| Average:               | 773 | Average:                     | 753 | -19        | -2.5%        |

Note: Significant factors having an impact on the final interpreted results/observations but not addressed in the analysis include number of residents per household, energy price and weather (including temperature and cloud cover).