

# Appendix 3

Universe of Screened  
Measures/  
Programs Residential and  
Non-Residential

ICF\_ENO\_Planning Model\_2009.06.29\_ref42.xls

| Program Name                    | Efficient Measure                                    | Measure Name Source | Average of Efficient Equipment Life | Average of Total Incremental Cost | Average of Annual kWh Savings | Average of Annual kW Coincident Peak Savings | Average of Measure TRC | Sum of Installs 2010 (from Participation Sheet) | Average of Incentive Unit Cost |
|---------------------------------|--|---------------------|-------------------------------------|-----------------------------------|-------------------------------|--|------------------------|---|--------------------------------|
| Residential Solutions           | DHW Reduced Setpoint                                 | ICF                 | 8                                   | \$5                               | 104                           | 0.1  | 16.28                  | 20  | \$1                            |
|                                 | Faucet Aerator                                       | Frontier NO         | 5                                   | \$15                              | 133                           | 0.0  | 2.30                   | 75  | \$4                            |
|                                 | High Efficiency Pool Pump & Timer                    | ICF                 | 10                                  | \$714                             | 1,637                         | 0.4  | 1.31                   | 31  | \$598                          |
|                                 | Lighting CFL 15W                                     | Frontier NO         | 3                                   | \$2                               | 37                            | 0.0  | 3.57                   | 230   | \$2                            |
|                                 | Lighting CFL 20W                                     | Frontier NO         | 3                                   | \$2                               | 58                            | 0.0  | 5.61                   | 230   | \$2                            |
|                                 | Lighting CFL 23W                                     | Frontier NO         | 3                                   | \$2                               | 107                           | 0.0  | 10.17                  | 234   | \$2                            |
|                                 | Lighting CFL 27W                                     | Frontier NO         | 3                                   | \$2                               | 146                           | 0.0  | 14.24                  | 234   | \$2                            |
|                                 | LED Light Strips                                     | Frontier NO         | 6                                   | \$30                              | 124                           | 0.0  | 1.26                   | 26  | \$18                           |
|                                 | Wall Insulation                                      | Frontier NO         | 20                                  | \$1,543                           | 1,676                         | 0.5  | 1.08                   | 45  | \$500                          |
|                                 | Air Infiltration reduction                           | Frontier NO         | 20                                  | \$324                             | 246                           | 0.2  | 1.08                   | 103   | \$243                          |
| Residential AC Tune-up          | Solar Screens  | Frontier NO         | 5                                   | \$117                             | 350                           | 0.1  | 1.12                   | 130   | \$82                           |
|                                 | Duct Efficiency                                      | Frontier NO         | 8                                   | \$1,063                           | 2,182                         | 0.9  | 2.10                   | 129   | \$801                          |
|                                 | Water Heater Jacket                                  | Frontier NO         | 10                                  | \$24                              | 55                            | 0.0  | 1.18                   | 32  | \$18                           |
|                                 | Hot Water Pipe Insulation                            | Frontier NO         | 15                                  | \$25                              | 40                            | 0.0  | 0.99                   | 43  | \$19                           |
|                                 | DHW Elec. Eff HP                                     | ICF                 | 10                                  | \$1,288                           | 2,749                         | 0.3  | 1.00                   | 2   | \$310                          |
|                                 | Gas Instant. DHW (0.80 EF)                           | ICF                 | 15                                  | \$700                             | 4,065                         | 0.2  | 1.10                   | 3   | \$310                          |
|                                 | Solar Hot Water                                      | Frontier NO         | 20                                  | \$6,299                           | 2,628                         | 0.4  | 2.03                   | 92  | \$1,000                        |
|                                 | Central AC Tune-Up                                   | ICF                 | 5                                   | \$100                             | 340                           | 0.3  | 4.42                   | 0   | \$75                           |
|                                 | Refrigerator Turn-In                                 | ICF                 | 10                                  | \$150                             | 1,483                         | 0.3  | 4.42                   | 0   | \$35                           |
|                                 | Time-of-Use: No enabling in-home technology          | ICF                 | 10                                  | \$10                              | 580                           | 0.0  | 45.68                  | 0   | \$3                            |
| Residential AC Cycling          | Time-of-Use: With Critical Peak Pricing and enabling | ICF                 | 10                                  | \$150                             | 1,161                         | 1.3  | 10.63                  | 0   | \$150                          |
|                                 | Demand Response Load Control Pilot Program           | ICF                 | 10                                  | \$150                             | 1,161                         | 1.3  | 10.63                  | 0   | \$150                          |
|                                 | Energy Performance Benchmarking, Load Profiling, and | ICF                 | 0                                   | \$212                             | 145                           | 0.0  | 3.79                   | 388   | \$23                           |
|                                 | Energy Performance Benchmarking, Load Profiling, and | ICF                 | 0                                   | \$212                             | 145                           | 0.0  | 3.79                   | 388   | \$23                           |
|                                 | Efficient Gas Furnace                                | ICF                 | 10                                  | \$260                             | 840                           | 0.4  | 1.63                   | 0   | \$117                          |
|                                 | Efficient Gas Water Heater                           | ICF                 | 15                                  | \$300                             | 4,065                         | 0.6  | 2.07                   | 0   | \$25                           |
|                                 | Existing Home Weatherization                         | ICF                 | 20                                  | \$2,342                           | 1,439                         | 0.0  | 0.54                   | 26  | \$1,757                        |
|                                 | Window Air Conditioner - Early Replacement           | ICF                 | 9                                   | \$600                             | 248                           | 0.1  | 0.28                   | 164   | \$600                          |
|                                 | Lighting CFL 15W                                     | Frontier NO         | 3                                   | \$2                               | 37                            | 0.0  | 3.57                   | 230   | \$2                            |
|                                 | Lighting CFL 20W                                     | Frontier NO         | 3                                   | \$2                               | 58                            | 0.0  | 5.61                   | 230   | \$2                            |
| ENERGY STAR Air Conditioning    | Lighting CFL 27W                                     | Frontier NO         | 3                                   | \$2                               | 107                           | 0.0  | 10.17                  | 234   | \$2                            |
|                                 | Central AC 14.5+ - 14.99 SEER                        | Frontier NO         | 18                                  | \$262                             | 970                           | 0.3  | 3.45                   | 234   | 200.0                          |
|                                 | Central AC 15 - 15.99 SEER                           | Frontier NO         | 18                                  | \$525                             | 1,252                         | 0.4  | 2.16                   | 136   | 200.0                          |
|                                 | Central AC 16 - 16.99 SEER                           | Frontier NO         | 18                                  | \$903                             | 1,702                         | 0.6  | 1.77                   | 81  | 25.0                           |
|                                 | Window Air Conditioner                               | Frontier NO         | 9                                   | \$30                              | 248                           | 0.1  | 5.50                   | 81  | 25.0                           |
|                                 | E+ Upgrade, New Home                                 | ICF                 | 20                                  | \$2,178                           | 1,875                         | 0.6  | 0.93                   | 438   | 250.0                          |
|                                 | New Home Advanced Lighting Package                   | ESTAR               | 12                                  | \$480                             | 1,128                         | 0.1  | 1.16                   | 261   | 100.0                          |
|                                 | AHU Fan Schedule                                     | ICF                 | 10                                  | \$350                             | 3,382                         | 0.0  | 2.83                   | 17  | \$20                           |
|                                 | Chilled Water  | ICF                 | 40                                  | \$2,681                           | 1,026                         | 0.0  | 3.87                   | 16  | \$21                           |
|                                 | Call Efficiency - temperature                        | ICF                 | 9                                   | \$1,088                           | 19,473                        | 4.4  | 3.85                   | 9   | \$271                          |
| Small Commercial Solutions      | Commercial Lighting Upgrades                         | ICF                 | 10                                  | \$52,488                          | 376,770                       | 71.6   | 3.77                   | 3   | \$13,125                       |
|                                 | Connectionless Streamer                              | Fisher Nickel       | 11                                  | \$4,150                           | 11,166                        | 2.5  | 1.59                   | 0   | \$2,877                        |
|                                 | Dual-sided LED Exit Sign                             | Frontier AR         | 16                                  | \$50                              | 184                           | 0.0  | 2.51                   | 213   | \$31                           |
|                                 | Duct Loss  | ICF                 | 8                                   | \$4,107                           | 3,844                         | 0.9  | 1.52                   | 9   | \$1,723                        |
|                                 | Economizer   | ICF                 | 8                                   | \$5,273                           | 38,395                        | 5.3  | 2.98                   | 12  | \$2,007                        |
|                                 | Efficient Air-Cooled 1001-1500 lbs/day               | Fisher Nickel       | 11                                  | \$1,821                           | 4,106                         | 0.5  | 1.13                   | 0   | \$1,366                        |
|                                 | Efficient Air-Cooled 301-300 lbs/day                 | Fisher Nickel       | 11                                  | \$312                             | 2,281                         | 0.2  | 3.68                   | 0   | \$79                           |
|                                 | Efficient Air-Cooled 301-400 lbs/day                 | Fisher Nickel       | 11                                  | \$559                             | 1,661                         | 0.2  | 1.49                   | 0   | \$389                          |
|                                 | Efficient Air-Cooled 501-1000 lbs/day                | Fisher Nickel       | 11                                  | \$1,485                           | 3,011                         | 0.3  | 1.02                   | 0   | \$1,114                        |
|                                 | HVAC Equipment Efficiency                            | ICF                 | 20                                  | \$12,139                          | 24,913                        | 5.6  | 1.86                   | 12  | \$9,026                        |
| Energy Efficient New Homes      | Infiltration Reduction                               | ICF                 | 13                                  | \$1,599                           | 4,283                         | 1.3  | 2.16                   | 11  | \$915                          |
|                                 | Lighting CFL 15W                                     | Frontier AR         | 7                                   | \$9                               | 93                            | 0.0  | 4.06                   | 198   | \$2                            |
|                                 | Lighting CFL 15W common area                         | Frontier AR         | 7                                   | \$9                               | 218                           | 0.0  | 7.69                   | 14  | \$2                            |
|                                 | Lighting CFL 15W guest rooms                         | Frontier AR         | 7                                   | \$9                               | 218                           | 0.0  | 7.69                   | 14  | \$2                            |
|                                 | Lighting CFL 20W common area                         | Frontier AR         | 7                                   | \$9                               | 349                           | 0.0  | 6.87                   | 168   | \$2                            |
|                                 | Lighting CFL 20W guest rooms                         | Frontier AR         | 7                                   | \$9                               | 349                           | 0.0  | 12.29                  | 14  | \$2                            |
|                                 | Lighting CFL 23W                                     | Frontier AR         | 7                                   | \$9                               | 46                            | 0.0  | 1.39                   | 14  | \$2                            |
|                                 | Lighting CFL 23W common area                         | Frontier AR         | 7                                   | \$9                               | 192                           | 0.0  | 8.44                   | 188   | \$2                            |
|                                 | Lighting CFL 23W common area                         | Frontier AR         | 7                                   | \$9                               | 454                           | 0.0  | 15.96                  | 14  | \$2                            |
|                                 | Lighting CFL 23W guest rooms                         | Frontier AR         | 7                                   | \$9                               | 60                            | 0.0  | 1.80                   | 14  | \$4                            |
| Large Commercial Solutions      | Lighting CFL 27W                                     | Frontier AR         | 7                                   | \$9                               | 270                           | 0.1  | 11.84                  | 198   | \$2                            |
|                                 | Lighting CFL 27W common area                         | Frontier AR         | 7                                   | \$9                               | 638                           | 0.0  | 22.41                  | 14  | \$2                            |
|                                 | Lighting CFL 27W guest rooms                         | Frontier AR         | 7                                   | \$9                               | 84                            | 0.0  | 2.53                   | 14  | \$2                            |
|                                 | Lighting Controls                                    | Frontier AR         | 8                                   | \$81                              | 535                           | 0.0  | 1.86                   | 385   | \$43                           |
|                                 | Lighting Upgrade                                     | ICF                 | 11                                  | \$17,329                          | 63,629                        | 6.6  | 1.86                   | 7   | \$10,181                       |
|                                 | Tier 1 Freezer < 30 ft3                              | Fisher Nickel       | 18                                  | \$521                             | 508                           | 0.1  | 0.70                   | 0   | \$90.8                         |
|                                 | Tier 1 Freezer >= 61 ft3                             | Fisher Nickel       | 18                                  | \$521                             | 823                           | 0.1  | 1.12                   | 0   | \$91                           |
|                                 | Tier 1 Refrigerator < 30 ft3                         | Fisher Nickel       | 18                                  | \$521                             | 666                           | 0.1  | 0.92                   | 0   | \$90.8                         |
|                                 | Tier 1 Refrigerator >= 61 ft3                        | Fisher Nickel       | 18                                  | \$521                             | 951                           | 0.1  | 1.99                   | 0   | \$143                          |
|                                 | Tier 2 Freezer < 30 ft3                              | Fisher Nickel       | 18                                  | \$450                             | 1,086                         | 0.1  | 1.72                   | 0   | \$58                           |
| Tier 2 Refrigerator < 30 ft3    | Fisher Nickel  | 18                  | \$450                               | 1,086                             | 0.1                           | 1.72   | 0                      | \$58  |                                |
| Tier 2 Freezer >= 61 ft3        | Fisher Nickel  | 18                  | \$625                               | 3,968                             | 0.2                           | 4.53   | 0                      | \$220   |                                |
| Tier 2 Refrigerator >= 61 ft3   | Fisher Nickel  | 18                  | \$625                               | 3,968                             | 0.2                           | 4.53   | 0                      | \$220   |                                |
| Tier 2 Freezer < 30 ft3         | Fisher Nickel  | 18                  | \$625                               | 2,812                             | 0.3                           | 3.21   | 0                      | \$338   |                                |
| Tier 2 Refrigerator < 30 ft3    | Fisher Nickel  | 18                  | \$625                               | 2,812                             | 0.3                           | 3.21   | 0                      | \$338   |                                |
| Tier 2 Refrigerator >= 61 ft3   | Fisher Nickel  | 18                  | \$540                               | 1,183                             | 0.1                           | 3.55   | 0                      | \$119   |                                |
| Tier 2 Refrigerator >= 61 ft3   | Fisher Nickel  | 18                  | \$540                               | 2,374                             | 0.3                           | 3.14   | 0                      | \$297   |                                |
| Tier 2 Refrigerator 31 - 60 ft3 | Fisher Nickel  | 18                  | \$394                               | 1,778                             | 0.2                           | 3.22   | 0                      | \$212   |                                |
| Vending Machine Controller      | ICF  | 11                  | \$162                               | 1,000                             | 1.2                           | 2.27   | 70                     | \$72  |                                |
| Ventilation                     | ICF  | 8                   | \$2,824                             | 8,127                             | 1.2                           | 1.28   | 11                     | \$1,484   |                                |
| 1.0 HP ODP NEMA Premium Motor   | ICF  | 15                  | \$26                                | 85                                | 0.0                           | 3.03   | 2                      | \$15  |                                |
| 1.0 HP TEFC NEMA Premium Motor  | ICF  | 15                  | \$155                               | 85                                | 0.0                           | 0.51   | 2                      | \$116.2   |                                |
| 10 HP ODP NEMA Premium Motor    | ICF  | 15                  | \$73                                | 387                               | 0.1                           | 4.66   | 1                      | \$23  |                                |
| 10 HP TEFC NEMA Premium Motor   | ICF  | 15                  | \$265                               | 387                               | 0.1                           | 1.27   | 1                      | \$199   |                                |
| 100 HP ODP NEMA Premium Motor   | ICF  | 15                  | \$536                               | 2,707                             | 0.7                           | 3.86   | 0                      | \$221   |                                |
| 100 HP TEFC NEMA Premium Motor  | ICF  | 15                  | \$1,369                             | 2,707                             | 0.7                           | 1.51   | 0                      | \$1,021   |                                |

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| Program Name    | Efficient Measure                          | Measure Name Source | Average of Efficient Equipment Life | Average of Total Incremental Cost | Average of Annual kWh Savings | Average of Annual kW Coincident Peak Savings | Average of Measure TRC | Sum of Installs 2010 (from Participation Sheet) | Average of Incentive Unit Cost |
|-----------------|--|---------------------|-------------------------------------|-----------------------------------|-------------------------------|--|------------------------|---|--------------------------------|
| Non-Residential | 125 HP ODP NEMA Premium Motor              | ICF                 | 15                                  | \$664                             | 4,892                         | 1.1  | 5.51                   | 0   | \$166                          |
|                 | 125 HP TEFC NEMA Premium Motor             | ICF                 | 15                                  | \$1,676                           | 4,892                         | 1.1  | 2.19                   | 0   | \$1,114                        |
|                 | 15 HP ODP NEMA Premium Motor               | ICF                 | 15                                  | \$98                              | 430                           | 0.2  | 3.82                   | 1   | \$43                           |
|                 | 15 HP TEFC NEMA Premium Motor              | ICF                 | 15                                  | \$327                             | 430                           | 0.2  | 1.15                   | 1   | \$295                          |
|                 | 150 HP ODP NEMA Premium Motor              | ICF                 | 15                                  | \$753                             | 5,124                         | 1.2  | 4.84                   | 0   | \$265                          |
|                 | 150 HP TEFC NEMA Premium Motor             | ICF                 | 15                                  | \$1,592                           | 5,124                         | 1.2  | 1.94                   | 0   | \$1,398                        |
|                 | 20 HP ODP NEMA Premium Motor               | ICF                 | 15                                  | \$67                              | 86                            | 0.0  | 0.52                   | 2   | \$124                          |
|                 | 20 HP TEFC NEMA Premium Motor              | ICF                 | 15                                  | \$124                             | 86                            | 0.2  | 4.41                   | 2   | \$44                           |
|                 | 20 HP ODP NEMA Premium Motor               | ICF                 | 15                                  | \$388                             | 626                           | 0.2  | 1.41                   | 1   | \$281                          |
|                 | 200 HP ODP NEMA Premium Motor              | ICF                 | 15                                  | \$1,050                           | 6,456                         | 1.5  | 4.60                   | 0   | \$309                          |
|                 | 200 HP TEFC NEMA Premium Motor             | ICF                 | 15                                  | \$2,596                           | 6,456                         | 1.5  | 1.86                   | 0   | \$1,855                        |
|                 | 25 HP ODP NEMA Premium Motor               | ICF                 | 15                                  | \$150                             | 922                           | 0.3  | 5.13                   | 0   | \$37                           |
|                 | 25 HP TEFC NEMA Premium Motor              | ICF                 | 15                                  | \$449                             | 922                           | 0.3  | 1.71                   | 0   | \$335                          |
|                 | 3.0 HP ODP NEMA Premium Motor              | ICF                 | 15                                  | \$37                              | 124                           | 0.1  | 3.19                   | 2   | \$20                           |
|                 | 3.0 HP TEFC NEMA Premium Motor             | ICF                 | 15                                  | \$179                             | 124                           | 0.1  | 0.65                   | 2   | \$134.6                        |
|                 | 30 HP ODP NEMA Premium Motor               | ICF                 | 15                                  | \$175                             | 1,165                         | 0.4  | 5.53                   | 0   | \$44                           |
|                 | 30 HP TEFC NEMA Premium Motor              | ICF                 | 15                                  | \$511                             | 1,165                         | 0.4  | 1.90                   | 0   | \$366                          |
|                 | 40 HP ODP NEMA Premium Motor               | ICF                 | 15                                  | \$227                             | 1,267                         | 0.4  | 4.66                   | 0   | \$70                           |
|                 | 40 HP TEFC NEMA Premium Motor              | ICF                 | 15                                  | \$653                             | 1,267                         | 0.4  | 1.67                   | 0   | \$475                          |
|                 | 5.0 HP ODP NEMA Premium Motor              | ICF                 | 15                                  | \$47                              | 167                           | 0.1  | 3.34                   | 2   | \$24                           |
|                 | 5.0 HP TEFC NEMA Premium Motor             | ICF                 | 15                                  | \$204                             | 167                           | 0.1  | 0.77                   | 2   | \$153.0                        |
|                 | 50 HP ODP NEMA Premium Motor               | ICF                 | 15                                  | \$716                             | 1,741                         | 0.8  | 1.61                   | 0   | \$70                           |
|                 | 50 HP TEFC NEMA Premium Motor              | ICF                 | 15                                  | \$1,741                           | 1,741                         | 0.8  | 4.70                   | 0   | \$1,370                        |
|                 | 60 HP ODP NEMA Premium Motor               | ICF                 | 15                                  | \$330                             | 1,772                         | 0.4  | 4.10                   | 0   | \$124                          |
|                 | 60 HP TEFC NEMA Premium Motor              | ICF                 | 15                                  | \$879                             | 1,772                         | 0.4  | 1.54                   | 0   | \$659                          |
|                 | 7.5 HP ODP NEMA Premium Motor              | ICF                 | 15                                  | \$60                              | 304                           | 0.1  | 4.45                   | 1   | \$21                           |
|                 | 7.5 HP TEFC NEMA Premium Motor             | ICF                 | 15                                  | \$235                             | 304                           | 0.1  | 1.13                   | 1   | \$176                          |
|                 | 75 HP ODP NEMA Premium Motor               | ICF                 | 15                                  | \$407                             | 2,044                         | 0.5  | 3.84                   | 0   | \$169                          |
|                 | 75 HP TEFC NEMA Premium Motor              | ICF                 | 15                                  | \$1,063                           | 2,044                         | 0.5  | 1.47                   | 0   | \$797                          |
|                 | AHU Fan Schedule                           | ICF                 | 10                                  | \$2,831                           | 5,428                         | 0.0  | 3.00                   | 4   | \$1,726                        |
|                 | Air Distribution                           | ICF                 | 20                                  | \$15,882                          | 3,844                         | 0.2  | 4.27                   | 6   | \$4,154                        |
|                 | Bakery - Process                           | ICF                 | 15                                  | \$0                               | \$0                           | 0.0  | 4.80                   | 75,256  | \$0                            |
|                 | Centrifugal Chiller, 0.51 kW/Ton, 500 tons | ICF                 | 20                                  | \$21                              | 90                            | 0.0  | 3.30                   | 258   | \$12                           |
|                 | CFL Hardwired, Modular 36W                 | ICF                 | 12                                  | \$57                              | 271                           | 0.0  | 2.61                   | 18  | \$29                           |
|                 | Chilled Water Temperature                  | ICF                 | 10                                  | \$654                             | 3,935                         | 0.0  | 4.78                   | 7   | \$164                          |
|                 | Circulating Pumps Efficiency               | ICF                 | 12                                  | \$15,797                          | 26,180                        | 22.0   | 1.92                   | 1   | \$11,025                       |
|                 | Cooling Pumps Type                         | ICF                 | 12                                  | \$15,797                          | 26,180                        | 22.0   | 1.92                   | 1   | \$11,025                       |
|                 | Coil Efficiency                            | ICF                 | 3                                   | \$5,417                           | 76,991                        | 19.3   | 2.36                   | 5   | \$2,104                        |
|                 | Commercial Lighting Upgrades               | ICF                 | 6                                   | \$52,483                          | 376,170                       | 0.8  | 3.57                   | 5   | \$12,124                       |
|                 | Comp Air - ASD (100+ HP)                   | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 19.027                 | 185,913   | \$0                            |
|                 | Comp Air - ASD (6-100 hp)                  | KEMA                | 6                                   | \$0                               | \$0                           | 0.0  | 12.05                  | 19,027  | \$0                            |
|                 | Comp Air - Motor practices-1 (100+ HP)     | KEMA                | 6                                   | \$0                               | \$0                           | 0.0  | 2.23                   | 185,913   | \$0                            |
|                 | Comp Air - Motor practices-1 (1-5 HP)      | KEMA                | 15                                  | \$0                               | \$0                           | 0.0  | 1.40                   | 92  | \$0                            |
|                 | Comp Air - Motor practices-1 (6-100 HP)    | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 2.18                   | 19,027  | \$0                            |
|                 | Comp Air - Replaces 100+ HP motor          | KEMA                | 6                                   | \$0                               | \$0                           | 0.0  | 1.12                   | 70,647  | \$0                            |
|                 | Compressed Air - Controls                  | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 3.35                   | 92,184  | \$0                            |
|                 | Compressed Air - System Optimization       | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 5.99                   | 184,367   | \$0                            |
|                 | Compressed Air - Sizing                    | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 9.58                   | 147,484   | \$0                            |
|                 | Compressed Air-O&M                         | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 7.98                   | 276,551   | \$0                            |
|                 | Drives - Process control                   | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 8.38                   | 86,289  | \$0                            |
|                 | Drying (UV/IR)                             | KEMA                | 8                                   | \$0                               | \$0                           | 0.0  | 1.40                   | 0   | \$0                            |
|                 | Dual-sided LED Exit Sign                   | Frontier AR         | 16                                  | \$50                              | 184                           | 0.0  | 2.51                   | 324   | \$31                           |
|                 | Duct Loss                                  | ICF                 | 8                                   | \$45,631                          | 51,698                        | 7.7  | 1.01                   | 2   | \$16,240                       |
|                 | Efficient Cooling towers                   | ICF                 | 8                                   | \$40,783                          | 227,931                       | 19.7   | 2.24                   | 7   | \$14,939                       |
|                 | Efficient lighting                         | KEMA                | 6                                   | \$0                               | \$0                           | 0.0  | 1.62                   | 978   | \$0                            |
|                 | Efficient lighting - melting               | KEMA                | 20                                  | \$0                               | \$0                           | 0.0  | 3.32                   | 10  | \$0                            |
|                 | Efficient processes (welding, etc.)        | KEMA                | 20                                  | \$0                               | \$0                           | 0.0  | 3.24                   | 0   | \$0                            |
|                 | Efficient Refrigeration - Operations       | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 2.98                   | 171,403   | \$0                            |
|                 | Energy Star Transformers                   | KEMA                | 25                                  | \$0                               | \$0                           | 0.0  | 2.48                   | 6,221   | \$0                            |
|                 | Fans - ASD (100+ hp)                       | KEMA                | 6                                   | \$0                               | \$0                           | 0.0  | 3.57                   | 51,905  | \$0                            |
|                 | Fans - ASD (6-100 hp)                      | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 12.05                  | 126,060   | \$0                            |
|                 | Fans - Controls                            | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 1.56                   | 119,775   | \$0                            |
|                 | Fans - Motor practices-1 (100+ HP)         | KEMA                | 6                                   | \$0                               | \$0                           | 0.0  | 2.23                   | 51,905  | \$0                            |
|                 | Fans - Motor practices-1 (1-5 HP)          | KEMA                | 15                                  | \$0                               | \$0                           | 0.0  | 1.40                   | 1,846   | \$0                            |
|                 | Fans - Motor practices-1 (6-100 HP)        | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 2.18                   | 126,060   | \$0                            |
|                 | Fans - O&M                                 | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 9.58                   | 239,549   | \$0                            |
|                 | Fans - Replace 100+ HP motor               | KEMA                | 6                                   | \$0                               | \$0                           | 0.0  | 1.12                   | 19,724  | \$0                            |
|                 | Fans - System Optimization                 | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 1.69                   | 71,865  | \$0                            |
|                 | Fans - Improve components                  | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 4.79                   | 95,820  | \$0                            |
|                 | Heating - Optimization process (M&T)       | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 5.99                   | 918   | \$0                            |
|                 | Heating - Process Control                  | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 2.62                   | 4,430   | \$0                            |
|                 | HVAC - System Efficiency                   | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 5.82                   | 5,820   | \$0                            |
|                 | HVAC - System Efficiency                   | ICF                 | 20                                  | \$12,735                          | 97,812                        | 24.6   | 5.82                   | 7   | \$3,244                        |
|                 | Infiltration Reduction                     | ICF                 | 13                                  | \$6,433                           | 7,380                         | 5.1  | 19.50                  | 6   | \$2,983                        |
|                 | LED Traffic Lights                         | Frontier AR         | 7                                   | \$297                             | 522                           | 0.4  | 1.24                   | 49  | \$211                          |
|                 | Lighting Controls                          | Frontier AR         | 8                                   | \$91                              | 479                           | 0.0  | 1.67                   | 345   | \$49                           |
|                 | Lighting Upgrade                           | ICF                 | 11                                  | \$157,106                         | 405,530                       | 40.6   | 0.88                   | 6   | \$112,684                      |
|                 | Membranes for wastewater                   | KEMA                | 15                                  | \$0                               | \$0                           | 0.0  | 1.85                   | 0   | \$0                            |
|                 | Near Net Shape Casting                     | KEMA                | 15                                  | \$0                               | \$0                           | 0.0  | 6.49                   | 0   | \$0                            |
|                 | New transformers welding                   | KEMA                | 15                                  | \$0                               | \$0                           | 0.0  | 3.24                   | 770   | \$0                            |
|                 | Occupancy Sensor, 4L4 Fluorescent Fixtures | KEMA                | 9                                   | \$14                              | 55                            | 0.0  | 1.75                   | 51  | \$8                            |
|                 | Optimization Refrigeration                 | KEMA                | 15                                  | \$0                               | \$0                           | 0.0  | 1.54                   | 170,688   | \$0                            |
|                 | Other Process Controls (batch + silo)      | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 1.60                   | 1,600   | \$0                            |
|                 | Power recovery                             | KEMA                | 10                                  | \$0                               | \$0                           | 0.0  | 1.60                   | 105   | \$0                            |
|                 | Process control                            | KEMA                | 15                                  | \$0                               | \$0                           | 0.0  | 1.62                   | 3,239   | \$0                            |

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| Program Name                                  | Efficient Measure                                   | Measure Name Source | Average of Efficient Equipment Life | Average of Total Incremental Cost | Average of Annual kWh Savings | Average of Annual kW Coincident Peak Savings | Average of Measure TRC | Sum of Installs 2010 (from Participation Sheet) | Average of Incentive Unit Cost |
|---|---|---------------------|-------------------------------------|-----------------------------------|-------------------------------|--|------------------------|---|--------------------------------|
| Non-Residential<br>Large Commercial Solutions | Pumps - ASD (100+ Hp)                               | KEMA                | 6                                   | \$0                               | 0                             | 0  | 3.57                   | 11,228  | \$0                            |
|   | Pumps - ASD (6-100 Hp)                              | KEMA                | 10                                  | \$0                               | 0                             | 0  | 12.05                  | 652,306   | \$0                            |
|   | Pumps - Controls                                    | KEMA                | 10                                  | \$0                               | 0                             | 0  | 5.32                   | 135,026   | \$0                            |
|   | Pumps - Motor Practices-1 (100+ HP)                 | KEMA                | 6                                   | \$0                               | 0                             | 0  | 2.23                   | 111,228   | \$0                            |
|   | Pumps - Motor Practices-1 (1-5 HP)                  | KEMA                | 15                                  | \$0                               | 0                             | 0  | 1.40                   | 863   | \$0                            |
|   | Pumps - Motor Practices-1 (6-100 HP)                | KEMA                | 0                                   | \$0                               | 0                             | 0  | 6.18                   | 67,306  | \$0                            |
|   | Pumps - Replace 100+ HP motor                       | KEMA                | 0                                   | \$0                               | 0                             | 0  | 1.15                   | 43,286  | \$0                            |
|   | Pumps - Sizing                                      | KEMA                | 6                                   | \$0                               | 0                             | 0  | 4.79                   | 76,015  | \$0                            |
|   | Pumps - System Optimization                         | KEMA                | 10                                  | \$0                               | 0                             | 0  | 2.39                   | 114,023   | \$0                            |
|   | Refinery Controls                                   | KEMA                | 10                                  | \$0                               | 0                             | 0  | 3.19                   | 107   | \$0                            |
|   | Replace V-belts                                     | KEMA                | 5                                   | \$0                               | 0                             | 0  | 2.77                   | 19,576  | \$0                            |
|   | RET 2L4 Premium T8, 1EB                             | KEMA                | 15                                  | \$34                              | 86                            | 0  | 1.62                   | 257   | \$29                           |
|   | Top-heating (glass)                                 | KEMA                | 8                                   | \$31,464                          | 53,123                        | 11.1   | 4.02                   | 1,031   | \$0                            |
|   | Ventilation   | ICF                 | 8                                   | \$31,464                          | 53,123                        | 11.1   | 0.95                   | 2   | \$17,021                       |
|   | Window Film - DX                                    | KEMA                | 10                                  | \$3                               | 10                            | 0  | 1.62                   | 873   | \$2                            |
|   | Server Virtualization                               | PG&E                | 3                                   | \$300                             | 1,875                         | 0.2  | 1.12                   | 199   | \$109                          |
|   | Comp Air - Power recovery                           | KEMA                | 10                                  | \$0                               | 0                             | 0  | 1.60                   | 8,831   | \$0                            |
|   | Comp Air - Refinery Controls                        | KEMA                | 25                                  | \$0                               | 0                             | 0  | 3.19                   | 8,976   | \$0                            |
|   | Comp Air - Energy Star Transformers                 | KEMA                | 10                                  | \$0                               | 0                             | 0  | 2.48                   | 2,950   | \$0                            |
|   | Fans - Optimize drying process                      | KEMA                | 10                                  | \$0                               | 0                             | 0  | 1.92                   | 6,858   | \$0                            |
|   | Fans - Refinery Controls                            | KEMA                | 10                                  | \$0                               | 0                             | 0  | 1.60                   | 5,485   | \$0                            |
|   | Fans - Energy Star Transformers                     | KEMA                | 25                                  | \$0                               | 0                             | 0  | 2.19                   | 3,923   | \$0                            |
|   | Pumps - Power recovery                              | KEMA                | 10                                  | \$0                               | 0                             | 0  | 1.60                   | 34,126  | \$0                            |
|   | Pumps - Refinery Controls                           | KEMA                | 10                                  | \$0                               | 0                             | 0  | 3.19                   | 34,684  | \$0                            |
|   | Pumps - Energy Star Transformers                    | KEMA                | 25                                  | \$0                               | 0                             | 0  | 2.48                   | 3,041   | \$0                            |
|   | Drives - Bakery - Process (Mixing) - O&M            | KEMA                | 10                                  | \$0                               | 0                             | 0  | 9.58                   | 6,750   | \$0                            |
|   | Drives - O&M/drives spinning machines               | KEMA                | 10                                  | \$0                               | 0                             | 0  | 2.39                   | 0   | \$0                            |
|   | Drives - Air conveying systems                      | KEMA                | 14                                  | \$0                               | 0                             | 0  | 16.671                 | 0   | \$0                            |
|   | Drives - Replace V-Belts                            | KEMA                | 10                                  | \$0                               | 0                             | 0  | 4.79                   | 508,092   | \$0                            |
|   | Drives - Drives - EE motor                          | KEMA                | 10                                  | \$0                               | 0                             | 0  | 2.56                   | 667,310   | \$0                            |
|   | Drives - Gap Forming papermachine                   | KEMA                | 20                                  | \$0                               | 0                             | 0  | 7.79                   | 0   | \$0                            |
|   | Drives - High Consistency forming                   | KEMA                | 20                                  | \$0                               | 0                             | 0  | 7.79                   | 0   | \$0                            |
|   | Drives - Optimization control PM                    | KEMA                | 10                                  | \$0                               | 0                             | 0  | 1.92                   | 0   | \$0                            |
|   | Drives - Efficient practices printing press         | KEMA                | 20                                  | \$0                               | 0                             | 0  | 7.79                   | 40,120  | \$0                            |
|   | Drives - Efficient Printing press (fewer cylinders) | KEMA                | 10                                  | \$0                               | 0                             | 0  | 1.60                   | 39,344  | \$0                            |
| Drives - Efficient drives                     | KEMA  | 10                  | \$0                                 | 0                                 | 0                             | 2.99   | 39,603                 | \$0   |                                |
| Drives - Clean Room - Controls                | KEMA  | 10                  | \$0                                 | 0                                 | 0                             | 2.16   | 153,857                | \$0   |                                |
| Drives - Clean Room - New Designs             | KEMA  | 10                  | \$0                                 | 0                                 | 0                             | 1.59   | 109,969                | \$0   |                                |
| Drives - O&M - Extruders/Injection Moulding   | KEMA  | 10                  | \$0                                 | 0                                 | 0                             | 1.59   | 739,683                | \$0   |                                |
| Drives - Extruders/Injection Moulding         | KEMA  | 12                  | \$0                                 | 0                                 | 0                             | 11.02  | 0                      | \$0   |                                |
| Drives - Injection Moulding - Impulse Cooling | KEMA  | 12                  | \$0                                 | 0                                 | 0                             | 1.67   | 0                      | \$0   |                                |
| Drives - Injection Moulding - Direct drive    | KEMA  | 12                  | \$0                                 | 0                                 | 0                             | 1.14   | 0                      | \$0   |                                |
| Drives - Process optimization                 | KEMA  | 10                  | \$0                                 | 0                                 | 0                             | 1.60   | 21,227                 | \$0   |                                |
| Drives - Drives - Process Control             | KEMA  | 15                  | \$0                                 | 0                                 | 0                             | 2.16   | 0                      | \$0   |                                |
| Drives - Efficient drives - rolling           | KEMA  | 10                  | \$0                                 | 0                                 | 0                             | 2.99   | 0                      | \$0   |                                |
| Drives - Drives - Optimization process (M&T)  | KEMA  | 10                  | \$0                                 | 0                                 | 0                             | 5.99   | 15,986                 | \$0   |                                |
| Drives - Drives - Scheduling                  | KEMA  | 10                  | \$0                                 | 0                                 | 0                             | 2.54   | 97,103                 | \$0   |                                |
| Drives - Machinery                            | KEMA  | 10                  | \$0                                 | 0                                 | 0                             | 2.68   | 17,550                 | \$0   |                                |

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| Sector                                       | End Use         | Efficient Measure                                     | Measure Name Source                    | Average of Efficient Equipment Life | Average of Total Incremental Cost | Average of Annual kWh Savings | Average of Annual kW Coincident Peak Savings | Average of Measure TRC |      |
|--|-----------------|---|--|-------------------------------------|-----------------------------------|-------------------------------|--|------------------------|------|
| Residential                                  | Appliances      | E* Ceiling Fan  | ICF                                    | 10                                  | \$86                              | 24                            | 0.0  | 0.14                   |      |
|  |                 | E* Clotheswasher                                      | Frontier NO                            | 14                                  | \$181                             | 134                           | 0.0  | 0.46                   |      |
|  | DHW             | E* Dishwasher   | Frontier NO                            | 13                                  | \$133                             | 107                           | 0.0  | 0.42                   |      |
|  |                 | E* Refrigerator                                       | Frontier NO                            | 18                                  | \$743                             | 526                           | 0.1  | 1.34                   |      |
|  | HVAC            | E* Standalone Freezer                                 | ICF                                    | 11                                  | \$33                              | 50                            | 0.0  | 0.77                   |      |
|  |                 | Gas Instant DHW (0.80 EF)                             | ICF                                    | 15                                  | \$650                             | 0                             | 0.0  | 0.53                   |      |
|  | Non-Residential | Whole Home Pool/Spa Cooking                           | Ceiling Insulation                     | Frontier NO                         | 20                                | \$1,734                       | 493  | 0.1                    | 0.28 |
|  |                 |   | Cool Roof                              | ICF                                 | 20                                | \$1,904                       | 94   | 0.1                    | 0.08 |
|  |                 |   | Duct Insulation                        | ICF                                 | 20                                | \$4,232                       | 71   | 0.0                    | 0.02 |
|  |                 |   | Furnace - ECM Motor                    | ICF                                 | 18                                | \$300                         | 72   | 0.0                    | 0.31 |
|  |                 |   | Wall Sheathing                         | ICF                                 | 20                                | \$715                         | 191  | 0.1                    | 0.34 |
|  |                 |   | Groundsource Heat Pump                 | Frontier NO                         | 18                                | \$10,188                      | 5,160  | 2.6                    | 0.68 |
|  |                 |   | Floor Insulation                       | Frontier NO                         | 20                                | \$1,868                       | 1,290  | 0.3                    | 0.64 |
|  |                 |   | Efficient Windows                      | Frontier NO                         | 20                                | \$4,615                       | 763  | 0.4                    | 0.19 |
|  |                 |   | Heat Pump 14.5 - 14.99 SEER 8.6 HSPF   | Frontier NO                         | 18                                | \$2,799                       | 1,158  | 0.3                    | 0.37 |
|  |                 |   | Heat Pump 15 - 15.99 SEER 8.8 HSPF     | Frontier NO                         | 18                                | \$3,210                       | 1,494  | 0.4                    | 0.41 |
|  | Non-Residential | Solar PV  | Solar PV                               | Frontier NO                         | 20                                | \$2,640                       | 3,200  | 1.7                    | 1.49 |
|  |                 |   | Existing Home Weatherization           | ICF                                 | 20                                | \$1,034                       | 1,104  | 0.0                    | 2.40 |
|  |                 |   | High Efficiency Portable Electric Spas | ICF                                 | 10                                | \$100                         | 168  | 0.0                    | 0.78 |
|  |                 |   | Connectionless Steamer                 | ICF                                 | 11                                | -\$1,922                      | 2,190  | 0.4                    | 0.71 |
| Efficient Combination Oven-Electric          |                 |   | Fisher Nickel                          | 11                                  | \$16,884                          | 18,432                        | 4.2  | -0.47                  |      |
| Efficient Convection Oven                    |                 |   | Fisher Nickel                          | 11                                  | \$2,713                           | 2,262                         | 0.5  | 0.49                   |      |
| Efficient Electric Griddle                   |                 |   | Fisher Nickel                          | 11                                  | \$4,708                           | 1,166                         | 0.2  | 0.14                   |      |
| Efficient French Fryer - Electric            |                 |   | DEER                                   | 11                                  | \$4,708                           | 1,166                         | 0.2  | 0.14                   |      |
| Efficient Hot Food Holding Cabinet-Full-Size |                 |   | Fisher Nickel                          | 11                                  | \$1,713                           | 2,190                         | 0.4  | 0.71                   |      |
| Efficient Hot Food Holding Cabinet-Half-Size |                 |   | Fisher Nickel                          | 11                                  | \$1,713                           | 1,095                         | 0.2  | 0.36                   |      |
| Non-Residential                              | HVAC            | Efficient Hot Food Holding Cabinet-Three-Quarter-Size | Fisher Nickel                          | 11                                  | \$1,713                           | 1,643                         | 0.3  | 0.54                   |      |
|  |                 | Chilled Water Temperature                             | ICF                                    | 10                                  | \$7,249                           | 8,415                         | 0.0  | 0.96                   |      |
|  |                 | Cool Roof   | ICF                                    | 20                                  | \$114,486                         | 10,983                        | 1.1  | 0.06                   |      |
|  |                 | Fenestration Upgrade                                  | ICF                                    | 20                                  | \$229,109                         | 50,228                        | 0.8  | 0.16                   |      |
|  |                 | Insulation Upgrade                                    | ICF                                    | 20                                  | \$47,404                          | 22,178                        | 1.0  | 0.59                   |      |
|  |                 | 2 lamp T12 to T5 Upgrade                              | ICF                                    | 16                                  | \$81                              | 30                            | 0.0  | 0.30                   |      |
|  |                 | LED Pedestrian Signals                                | Frontier AR                            | 7                                   | \$182                             | 116                           | 0.1  | 0.36                   |      |
|  |                 | Computer Power Management Software                    | EPA                                    | 3                                   | \$10                              | 290                           | 0.1  | 7.44                   |      |
|  |                 | Plug Load Control                                     | Frontier AR                            | 10                                  | \$117                             | 129                           | 0.0  | 0.42                   |      |
|  |                 | Plug Loads  | ICF                                    | 11                                  | \$824,220                         | 102,195                       | 17.6   | 0.08                   |      |
| Non-Residential                              | DR/CHP/DG       | CHP with Incentive                                    | ICF                                    | 10                                  | \$2,189,000                       | 10,173,075                    | 1662.5                                       | 0.80                   |      |
|  |                 | CHP with Incentive                                    | ICF                                    | 15                                  | \$6,079,500                       | 43,335,720                    | 5820.0                                       | 0.93                   |      |
|  |                 | LEED Silver   | ICF                                    | 20                                  | \$225,712                         | 216,723                       | 19.3   | 0.90                   |      |
|  |                 | ASHRAE 90.1 New Building                              | ICF                                    | 20                                  | \$22,129                          | 0                             | 5.9  | 0.38                   |      |
|  |                 | ENERGY STAR New Building                              | ICF                                    | 20                                  | \$33,193                          | 325,085                       | 37.1   | 9.61                   |      |
|  |                 | Chiller Tune Up/Diagnostics                           | KEMA                                   | 10                                  | \$17                              | 59                            | 0.0  | 0.17                   |      |
|  |                 | Comp Air - ASD (1-5 hp)                               | KEMA                                   | 15                                  | \$0                               | 0                             | 0.0  | 0.52                   |      |
|  |                 | Comp Air - Replace 1-5 HP motor                       | KEMA                                   | 15                                  | \$0                               | 0                             | 0.0  | 0.66                   |      |
|  |                 | Comp Air - Replace 6-100 HP motor                     | KEMA                                   | 10                                  | \$0                               | 0                             | 0.0  | 0.33                   |      |
|  |                 | Cool Roof - Chiller                                   | KEMA                                   | 10                                  | \$0                               | 0                             | 0.0  | 0.56                   |      |
| Non-Residential                              | Whole Building  | Cool Roof - DX  | KEMA                                   | 10                                  | \$0                               | 1                             | 0.0  | 0.96                   |      |
|  |                 | Cooling Circ. Pumps - VSD                             | KEMA                                   | 15                                  | \$52                              | 45                            | 0.0  | 0.44                   |      |
|  |                 | DX Packaged System, EER=10.9, 10 tons                 | KEMA                                   | 15                                  | \$60                              | 74                            | 0.0  | 0.88                   |      |
|  |                 | EMS - Chiller   | KEMA                                   | 10                                  | \$60                              | 127                           | 0.0  | 0.59                   |      |
|  |                 | Evaporative Pre-Cooler                                | KEMA                                   | 10                                  | \$293                             | 0                             | 0.0  | 0.21                   |      |
|  |                 | Fans - ASD (1-5 hp)                                   | KEMA                                   | 15                                  | \$0                               | 0                             | 0.0  | 0.52                   |      |
|  |                 | Fans - Replace 1-5 HP motor                           | KEMA                                   | 15                                  | \$0                               | 0                             | 0.0  | 0.66                   |      |
|  |                 | Fans - Replace 6-100 HP motor                         | KEMA                                   | 10                                  | \$0                               | 0                             | 0.0  | 0.57                   |      |
|  |                 | Heat Pumps - Drving                                   | KEMA                                   | 15                                  | \$0                               | 0                             | 0.0  | 0.81                   |      |
|  |                 | Intelligent extruder (DOE)                            | KEMA                                   | 10                                  | \$0                               | 0                             | 0.0  | 0.60                   |      |
| Non-Residential                              | Industrial      | Metal Hairde, 50W                                     | KEMA                                   | 16                                  | \$280                             | 218                           | 0.0  | 0.53                   |      |
|  |                 | Pumps - ASD (1-5 hp)                                  | KEMA                                   | 15                                  | \$0                               | 0                             | 0.0  | 0.52                   |      |
|  |                 | Pumps - Replace 1-5 HP motor                          | KEMA                                   | 15                                  | \$0                               | 0                             | 0.0  | 0.66                   |      |
|  |                 | Pumps - Replace 6-100 HP motor                        | KEMA                                   | 10                                  | \$0                               | 0                             | 0.0  | 0.57                   |      |
|  |                 | Window Film - Chiller                                 | KEMA                                   | 10                                  | \$3                               | 6                             | 0.0  | 0.95                   |      |
|  |                 | Drives - Light cylinders                              | KEMA                                   | 10                                  | \$0                               | 0                             | 0.0  | 0.68                   |      |
|  |                 | Drives - Drives - Process Controls (batch + site)     | KEMA                                   | 10                                  | \$0                               | 0                             | 0.0  | 1.00                   |      |
|  |                 | Drives - Direct drive Extruders                       | KEMA                                   | 12                                  | \$0                               | 1                             | 0.0  | 0.90                   |      |
|  |                 | Drives - Efficient grinding                           | KEMA                                   | 15                                  | \$0                               | 0                             | 0.0  | 0.59                   |      |
|  |                 | DX Tune Up/Advanced Diagnostics                       | KEMA                                   | 3                                   | \$78                              | 127                           | 0.0  | 0.30                   |      |