

Statistics from February 1, 2013 to April 30, 2013

May 2013

#### Project at a Glance

The City of Dover, NH and Johnson Controls, Inc. entered into a performance contract in September in 2009. The purpose of this contract is to lessen the energy and energy related costs realized by the City of Dover moving forward. The guaranteed savings portion of the contract (ten years) started on November 1 of 2011 and will end on October 31, 2021.

The estimated savings for quarters one and two is \$158,192 includes \$135,802 in energy cost avoidance, \$7,114 in operations and maintenance (O&M) cost avoidance, and a future capital cost avoidance of \$16,920. The annual guaranteed energy savings amount escalates by 3% and the O&M savings escalates by 4% each year to compensate for inflation. Total term benefits are \$3,623,746.



New Calgon (odor) unit at WWTP

This report is designed based upon the quarterly and annual reports that JCI provided to the City, and documents the energy savings of this project. This report covers the second quarter of the second contract year, and runs February 2013 through April 2013.

#### Contract Info:

CONTRACT #: 9236-0143

CONTRACT YEAR #: 2

ANNUAL GUARANTEED ENERGY SAVINGS: \$280,169

ANNUAL O&M SAVINGS: \$14,227

ANNUAL CAPITAL COST AVOIDANCE: \$33.840

ANNUAL GUARANTEE: \$328,236

CONTRACT TERM: 10-YEARS

TERM GUARANTEED SAVINGS: \$3,623,746

UTILITY COST AVOIDANCE ESCALA-TION RATE: 3.0%

OPERATIONS & MAINTENANCE (O&M) COST AVOIDANCE ESCALATION RATE: 4.0%

GUARANTEE START DATE: 11/1/2011

GUARANTEE END DATE: 10/31/2021

#### What's Inside:

This quarterly report will summarize the cost savings realized as part of the infrastructure investments made. Data included:

- FIM\* Comparisons by month
- Quarterly Cost Savings

- Savings Per Facility
- Savings by Facility and FIM\*
- Aggregate Monthly FIM\* Savings
- Energy Equivalent Savings
- \* FIM = Facility Improvement Measures

#### Contents:

| Annual Cost Svgs        | 2          |
|-------------------------|------------|
| MONTHLY COMPARTISON     | 3          |
| GUARENTEED SAVINGS      | 4          |
| GUARENTEED SAVINGS      | 5          |
| SAVINGS BY FACILITY     | 6          |
| SAVINGS BY FACILITY/FI/ | w <b>7</b> |
| AGGREGATE SAVINGS       | 8          |
| EMISSIONS EQUIVALENTS   | 9          |
| ABOUT DOVER             | 10         |
|                         |            |

### **Annual Cost Savings Summary**

|           | Guaranteed         | Guaranteed | Guaranteed            | <b>Total Guaran-</b> |                        |           |
|-----------|--------------------|------------|-----------------------|----------------------|------------------------|-----------|
| Guarantee | <b>Energy Cost</b> | O&M Cost   | <b>Future Capital</b> | teed Cost Avoid-     | <b>Verified Annual</b> |           |
| Period    | Avoidance          | Avoidance  | Cost Avoidance        | ance                 | <b>Cost Avoidance</b>  | Variance  |
| Year 1    | \$271,943          | \$13,680   | \$33,840              | \$319,463            | \$317,642              | (\$1,821) |
| Year 2    | \$280,169          | \$14,227   | \$33,840              | \$328,236            |                        |           |
| Year 3    | \$288,644          | \$14,796   | \$33,840              | \$337,280            |                        |           |
| Year 4    | \$297,375          | \$15,388   | \$33,840              | \$346,603            |                        |           |
| Year 5    | \$306,371          | \$16,004   | \$33,840              | \$356,214            |                        |           |
| Year 6    | \$315,638          | \$16,644   | \$33,840              | \$366,122            |                        |           |
| Year 7    | \$325,186          | \$17,310   | \$33,840              | \$376,336            |                        |           |
| Year 8    | \$335,023          | \$18,002   | \$33,840              | \$386,865            |                        |           |
| Year 9    | \$345,157          | \$18,722   | \$33,840              | \$397,719            |                        |           |
| Year 10   | \$355,598          | \$19,471   | \$33,840              | \$408,909            |                        |           |
| Total     | \$3,121,103        | \$164,244  | \$338,400             | \$3,623,746          | \$317,642              | N/A       |

FIM# **FIM Description** 1 Lighting Fixture Retrofit Lighting Fixtures 2 Lighting Fixture Control Lighting Controls (McConnell Ctr) 3 Building Envelope Weatherization 4.1 EMS Building Controls 4.2 EMS Building Controls/Optimal Start 4.3 AHU Upgrade VFD on fan 4.4 Pool Dehumidification EMS & VFDs 4.5 Repair Snow Melt Sensor 6 Water Conservation 9 Vending Machine Controllers 10 Pool Covers 11 Ice Arena Upgrades 12 Power Factor Correction 13 Energy Efficient Transformers E.E. Transformers (Ice Arena) 14 Aeration Blower Upgrade 15 Boiler Replacement

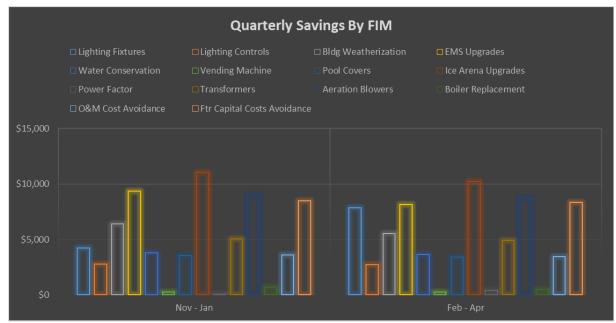
Savings are provided on a monthly basis for Quarter 1 of year two of the JCI Contract, in the adjacent table. The guaranteed savings per Facility **Improvement Measure** (FIM) represents the amount per FIM that adds up to the total overall annual guarantee. FIM savings are not guaranteed individually; the savings guarantee reflects the whole project. Therefore deficiencies from one FIM can be overcome by another FIM to result in overall project savings

FIM Comparisons by Month

### **Quarterly Cost Savings**

Savings realized by the project quarter 2 of year two totals 414,149 kWh & 904 kW (\$53,298), 5,707 MMBTU's (\$76,808) and 591 kGals of water/ sewer savings (\$6,719).

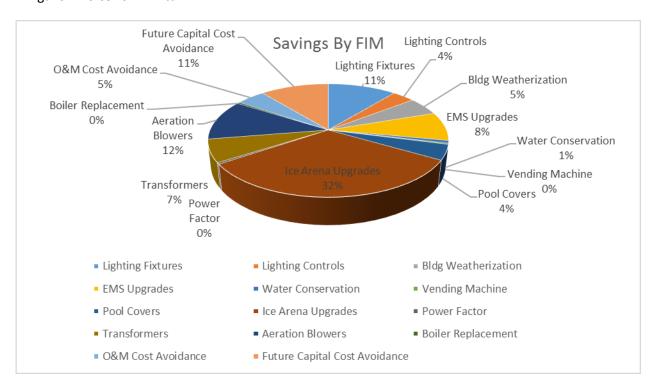
The total year 2, to date savings are broken down by FIM on this page and the



next. They amount to \$158,192.

Thermal Savings consist of savings from Natural Gas (therms), Oil (gallons), and Propane (gallons). In order to provide a basis for comparison, these have all been reported in MMBtu. Conversion factors used in assembling this report are listed below:

Natural Gas: 1 therm = 0.1 MMBtu
Oil: 1 gallon = 0.139 MMBtu
Propane: 1 gallon = 0.0916 MMBtu

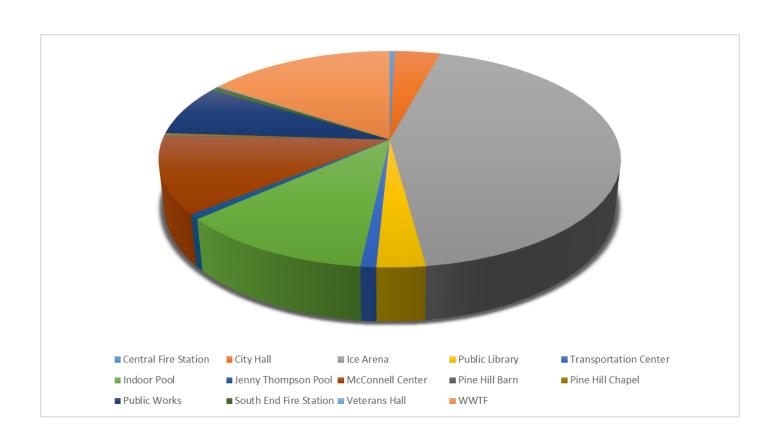


# **Quarterly Savings By FIM**

| 1         Description         KWh         \$         MMBtu         \$           1         Lighting Fixtures         713         125,728         \$18,483         -\$114         -\$1,572           2         Lighting Fixtures         713         125,728         \$18,483         -\$114         -\$1,572           3         Bldg Weatherization         0         2,472         \$281         \$520         \$7,332           4         EMS Upgrades         0         43,229         \$4,837         \$520         \$7,800           6         Water Conservation         0         4,213         \$499         \$0         \$0           9         Vending Machine         0         4,213         \$499         \$0         \$0           10         Pool Covers         0         23,328         \$2,512         \$280         \$4,145           11         Ice Arena Upgrades         -505         -35,157         -\$7,327         \$4,370         \$56,889           12         Power Factor         20         4,459         \$63         \$0         \$0           13         Transformers         362         124,005         \$1,7824         \$0         \$0           14         Areation Blowers <th></th> <th></th> <th>Elec</th> <th>Electrical Savings</th> <th>Si</th> <th>Thermal Savings</th> <th>Savings</th> <th>Water Savings</th> <th>avings</th> <th>Total</th> |            |                   | Elec | Electrical Savings | Si       | Thermal Savings | Savings  | Water Savings | avings  | Total      |
|--|------------|-------------------|------|--------------------|----------|-----------------|----------|---------------|---------|------------|
| Fixtures 713 125,728 \$18,483 -\$114 -\$1,572 Controls 155 46,560 \$5,547 \$0 \$0 therization 0 2,472 \$281 \$540 \$7,732 pgrades 0 43,229 \$4,837 \$520 \$7,800 nservation 0 0 \$0 \$0 \$67 \$1,165 covers 0 23,328 \$2,512 \$280 \$4,145 covers 0 23,328 \$2,512 \$280 \$4,145 covers 0 23,328 \$2,512 \$280 \$4,145 covers 20 4,459 \$632 \$0 \$0 covers 159 75,314 \$10,001 \$0 \$0 \$0 therization of \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0   | FIM #      | Description       | ΚW   | kWh                | ❖        | MMBtu           | ❖        | kgal          | ❖       | \$ Savings |
| Controls         155         46,560         \$5,547         \$0         \$0           therization         0         2,472         \$281         \$540         \$7,732           pgrades         0         43,229         \$4,837         \$520         \$7,800           nservation         0         \$0         \$6         \$1,165           nservation         0         4,213         \$499         \$0         \$1,165           Covers         0         23,328         \$2,512         \$280         \$4,145           Upgrades         -505         -35,157         -\$7,327         \$4,370         \$56,889           Factor         20         4,459         \$632         \$0         \$0           ormers         159         75,314         \$10,001         \$0         \$0         \$0           placement         0         0         \$0         \$45         \$650           placement         0         \$0         \$45         \$650           t         414,149         \$53,288         5,707         \$76,808  | 1          | Lighting Fixtures | 713  | 125,728            | \$18,483 | -\$114          | -\$1,572 | \$0           | \$0     | \$16,911   |
| therization 0 2,472 \$281 \$540 \$7,732 pgrades 0 43,229 \$4,837 \$520 \$7,800 nservation 0 0 \$0 \$0 \$67 \$1,165 nservation 0 0 \$0 \$0 \$67 \$1,165 nservation 0 4,213 \$499 \$0 \$0 \$1,165 nservation 0 23,328 \$2,512 \$280 \$4,145 nservation 0 23,328 \$2,512 \$280 \$4,145 nservation 20 4,459 \$632 \$0 \$0 \$0 nservation 20 4,459 \$632 \$0 \$0 \$0 nservation 0 0 \$0 \$0 \$45 \$650 nservation 0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$  | 2          | Lighting Controls | 155  | 46,560             | \$5,547  | \$0             | \$0      | \$0           | \$0     | \$5,547    |
| pgrades 0 43,229 \$4,837 \$520 \$7,800 nservation 0 0 \$0 \$0 \$67 \$1,165 Sovers 0 23,328 \$2,512 \$280 \$4,145 Sovers 0 23,328 \$2,512 \$280 \$4,145 Sovers 0 23,328 \$2,512 \$580 \$4,145 Sovers 20 4,459 \$632 \$6 \$6 \$0 Sovers 20 4,459 \$632 \$6 \$0 \$0 Sovers 20 4,459 \$632 \$0 \$0 \$0 Sovers 20 4,459 \$632 \$0 \$0 Sovers 20 4,459 \$632 \$0 \$0 Sovers 20 4,459 \$17,824 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0  | 3          | Bldg Weather      | 0    | 2,472              | \$281    | \$540           | \$7,732  | \$0           | \$0     | \$8,013    |
| nservation         0         \$0         \$67         \$1,165           Machine         0         4,213         \$499         \$0         \$0           Covers         0         23,328         \$2,512         \$280         \$4,145           Covers         0         23,328         \$2,512         \$280         \$4,145           Upgrades         -505         -35,157         -\$7,327         \$4,370         \$56,889           Factor         20         4,459         \$632         \$0         \$0           ormers         159         75,314         \$10,001         \$0         \$0         \$0           olacement         0         0         \$0         \$45         \$650         \$0           t         1         414,149         \$53,288         5,707         \$76,808         \$76,808   | 4          |                   | 0    | 43,229             | \$4,837  | \$520           | \$7,800  | \$0           | \$0     | \$12,636   |
| Machine         0         4,213         \$499         \$0         \$0           Covers         0         23,328         \$2,512         \$280         \$4,145           Upgrades         -505         -35,157         -\$7,327         \$4,370         \$56,889           Factor         20         4,459         \$632         \$0         \$0           ormers         159         75,314         \$10,001         \$0         \$0           Blowers         362         124,005         \$17,824         \$0         \$0           olacement         0         0         \$0         \$45         \$650           t         414,149         \$53,288         5,707         \$76,808   | 9          |                   | 0    | 0                  | \$0      | <b>\$</b> 67    | \$1,165  | \$559         | \$6,353 | \$1,165    |
| Covers       0       23,328       \$2,512       \$280       \$4,145         Upgrades       -505       -35,157       -\$7,327       \$4,370       \$56,889         Factor       20       4,459       \$632       \$0       \$0         ormers       159       75,314       \$10,001       \$0       \$0         olacement       0       0       \$0       \$45       \$650         olacement       904       414,149       \$53,288       5,707       \$76,808         t       904       414,149       \$53,288       5,707       \$76,808  | 6          |                   | 0    | 4,213              | \$499    | \$0             | \$0      | \$0           | \$0     | \$499      |
| Upgrades         -505         -35,157         -57,327         \$4,370         \$56,889           Factor         20         4,459         \$632         \$0         \$0           ormers         159         75,314         \$10,001         \$0         \$0           Blowers         362         124,005         \$17,824         \$0         \$0           olacement         0         0         \$0         \$45         \$650           t         414,149         \$53,288         5,707         \$76,808           oidance         904         414,149         \$53,288         5,707         \$76,808  | 10         |                   | 0    | 23,328             | \$2,512  | \$280           | \$4,145  | \$32          | \$366   | \$6,657    |
| Factor 20 4,459 \$632 \$0 \$0  ormers 159 75,314 \$10,001 \$0 \$0  olacement 0 0 \$0 \$0 \$45  data data data data data data data dat  | 11         |                   | -505 | -35,157            | -\$7,327 | \$4,370         | \$56,889 | \$0           | \$0     | \$49,563   |
| ormers 159 75,314 \$10,001 \$0 \$0  Blowers 362 124,005 \$17,824 \$0 \$0  olacement 0 0 \$0 \$45 \$650  tt  oidance 904 414,149 \$53,288 5,707 \$76,808  oidance 904 414,149 \$53,288 5,707 \$76,808   | 12         |                   | 20   | 4,459              | \$632    | \$0             | \$0      | \$0           | \$0     | \$632      |
| oldance 362 124,005 \$17,824 \$0 \$0 \$0 soldance 362 124,005 \$17,824 \$0 \$0 \$0 soldance 304 414,149 \$53,288 5,707 \$76,808 soldance 304 414,149 \$53,288 5,707 \$76,808   | 13         |                   | 159  | 75,314             | \$10,001 | \$0             | \$0      | \$0           | \$0     | \$10,001   |
| oldance 904 414.149 \$53,288 5,707 \$76,808 oldance 904 414.149 \$53,288 5,707 \$76,808  | 14         |                   | 362  | 124,005            | \$17,824 | \$0             | \$0      | \$0           | \$0     | \$17,824   |
| t<br>oidance 904 414.149 \$53,288 5,707 \$76,808   | 15         |                   | 0    | 0                  | \$0      | \$45            | \$650    | \$0           | \$0     | \$650      |
| oidance 904 414.149 \$53.288 5.707 \$76.808  | Energy To  | tals              | 904  | 414,149            | \$53,288 | 5,707           | \$76,808 | 591           | \$6,719 | \$135,802  |
| oidance 904 414.149 \$53.288 5.707 \$76.808  | lce Arena  | Ice Max Cost      |      |                    |          |                 |          |               |         | -\$1,644   |
| oidance 904 414.149 \$53.288 5.707 \$76.808  | O&M Cost   | Avoidance         |      |                    |          |                 |          |               |         | \$7,114    |
| 904 414.149 \$53.288 5.707 \$76.808  | Future Cap |                   |      |                    |          |                 |          |               |         | \$16,920   |
|  | TOTAL CO   | ST SAVINGS        | 904  | 414,149            | \$53,288 | 5,707           | \$16,808 | 591           | \$6,719 | \$158,192  |

## **Savings Per Facility**

|                        | Elect | rical Savings | 5       | Thermal S | Savings  | Water Sa | avings  | Total      |
|------------------------|-------|---------------|---------|-----------|----------|----------|---------|------------|
| Facility Location      | KW    | kWh           | \$      | MMBtu     | \$       | kgal     | \$      | \$ Savings |
| Central Fire Station   | 0     | 97            | 13      | 27        | 425      | 11       | 118     | \$555      |
| City Hall              | 75    | 12,359        | 1,856   | 94        | 1,618    | 151      | 1,719   | \$5,193    |
| Ice Arena              | -356  | 16,785        | -777    | 4,538     | 59,079   | 120      | 1,358   | \$59,659   |
| Public Library         | 51    | 17,129        | 1,844   | 92        | 1,344    | 64       | 724     | \$3,912    |
| Transportation Center  | 0     | 9,953         | 1,252   | 0         | 0        | 0        | 0       | \$1,252    |
| Indoor Pool            | 19    | 61,836        | 6,823   | 508       | 7,519    | 140      | 1,591   | \$15,932   |
| Jenny Thompson Pool    | 0     | 0             | 0       | 13        | 176      | 71       | 801     | \$976      |
| McConnell Center       | 411   | 84,390        | 12,331  | 229       | 3,325    | 0        | 0       | \$15,656   |
| Pine Hill Barn         | 0     | 0             | 0       | 13        | 218      | 0        | 0       | \$218      |
| Pine Hill Chapel       | 0     | 12            | 2       | 23        | 383      | 4        | 37      | \$422      |
| Public Works           | 286   | 68,113        | 8,978   | 96        | 1,117    | 28       | 321     | \$10,415   |
| South End Fire Station | 0     | 47            | 6       | 47        | 853      | 5        | 51      | \$910      |
| Veterans Hall          | 0     | 0             | 0       | 9         | 167      | 0        | 0       | \$167      |
| WWTF                   | 419   | 143,748       | 20,656  | 35        | 604      | 0        | 0       | \$21,260   |
|                        |       |               | \$52,98 |           |          |          |         |            |
| Total                  | 904   | 414,467       | 3       | 5,722     | \$76,825 | 591      | \$6,718 | \$136,526  |



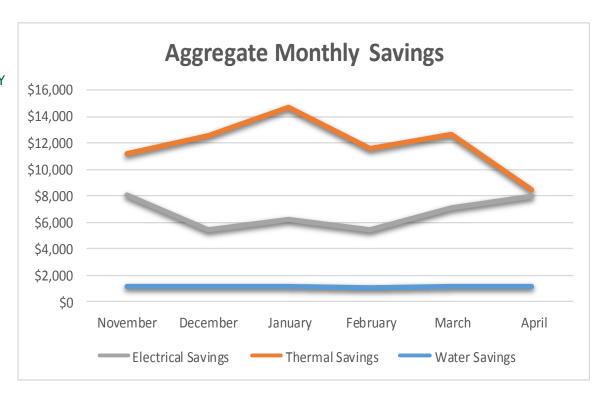
# Savings by Facility and FIM

|                         | Lighting Fixtures | Lighting Controls | Bldg Weatherization | EMS Upgrades | Water Conservation | Vending Machine | Pool Covers | Ice Arena Upgrades | Power Factor | Transformers | Aeration Blowers  | Boiler Replacement | Totals/   |
|-------------------------|-------------------|-------------------|---------------------|--------------|--------------------|-----------------|-------------|--------------------|--------------|--------------|-------------------|--------------------|-----------|
| Facility Location       |                   |                   |                     |              |                    |                 |             |                    |              |              |                   |                    | Building  |
| Central Fire Station    | \$0               | \$0               | \$411               | \$0          | \$144              | \$0             | \$0         | \$0                | \$0          | \$0          | \$0               | \$0                | \$555     |
| City Hall               | \$1,500           | \$496             | \$536               | \$1,052      | \$1,896            | \$168           | \$0         | \$0                | \$0          | \$0          | \$0               | \$0                | \$5,647   |
| Ice Arena               | \$2,907           | \$710             | \$2,522             | \$0          | \$1,701            | \$164           | \$0         | \$49,568           | \$632        | \$1,457      | \$0               | \$0                | \$59,660  |
| Public Library          | \$1,765           | \$491             | \$203               | \$524        | \$800              | \$0             | \$0         | \$0                | \$0          | \$0          | \$0               | \$650              | \$4,432   |
| ter                     | \$0               | \$0               | \$0                 | \$1,252      | \$0                | \$0             | \$0         | \$0                | \$0          | \$0          | \$0               | \$0                | \$1,252   |
| Indoor Pool             | \$619             | \$14              | \$644               | \$6,056      | \$1,497            | \$81            | \$7,022     | \$0                | \$0          | \$0          | \$0               | \$0                | \$15,932  |
| Jenny I nompson<br>Pool | \$0               | \$0               | \$0                 | \$0          | \$976              | \$0             | \$0         | \$0                | \$0          | \$0          | \$0               | \$0                | \$976     |
| McConnell Center        | \$5,477           | \$2,342           | \$583               | \$3,357      | \$0                | \$0             | \$0         | \$0                | \$0          | \$3,898      | \$0               | \$0                | \$15,656  |
| Pine Hill Barn          | \$0               | \$0               | \$0                 | \$218        | \$0                | \$0             | \$0         | \$0                | \$0          | \$0          | \$0               | \$0                | \$218     |
| Pine Hill Chapel        | \$0               | \$0               | \$267               | \$115        | \$41               | \$0             | \$0         | \$0                | \$0          | \$0          | \$0               | \$0                | \$422     |
| Public Works            | \$5,324           | \$1,495           | \$1,224             | \$64         | \$379              | \$87            | \$0         | \$0                | \$0          | \$1,829      | \$0               | \$0                | \$10,401  |
| tion                    | \$0               | \$0               | \$841               | \$0          | 69\$               | \$0             | \$0         | \$0                | \$0          | \$0          | \$0               | \$0                | \$910     |
| Veterans Hall           | \$0               | \$0               | \$167               | \$0          | \$0                | \$0             | \$0         | \$0                | \$0          | \$0          | \$0               | \$0                | \$167     |
| WWTF                    | \$0               | \$0               | \$618               | \$0          | \$0                | \$0             | \$0         | \$0                | \$0          | \$2,818      | \$17,824          | \$0                | \$21,260  |
| Total FIM               | \$17,591          | \$5,547           | \$8,013             | \$12,636     | \$7,503            | \$499           | \$7,022     | \$49,568           | \$632        | \$10,001     | \$10,001 \$17,824 | \$650              | \$137,484 |

### **Aggregate Monthly Savings**

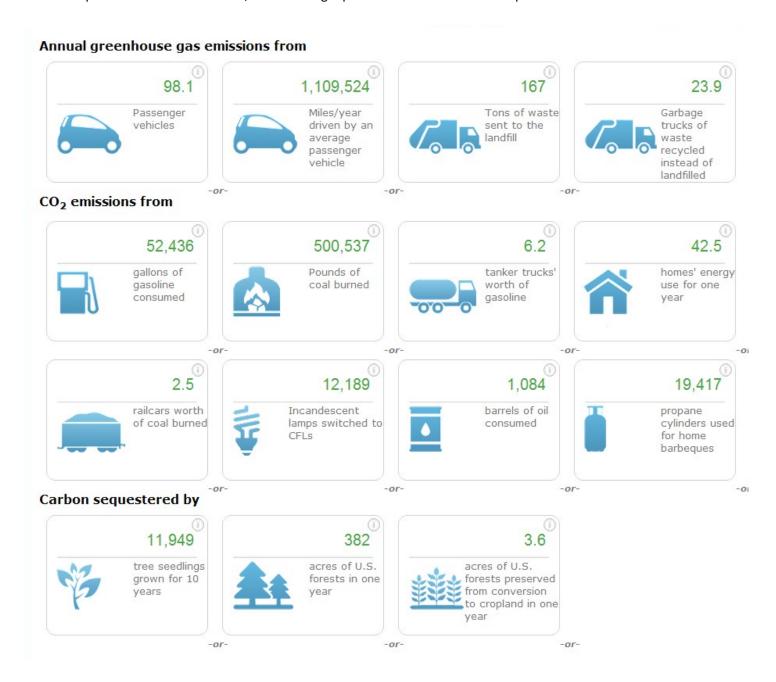
|               |         | Ele | ctrical Savir | ngs      | Thermal | Savings  | Water 9 | Savings | Total      |
|---------------|---------|-----|---------------|----------|---------|----------|---------|---------|------------|
| Month         | Year    | KW  | kWh           | \$       | MMBtu   | \$       | kgal    | \$      | \$ Savings |
| November      | 2012    | 154 | 61,057        | \$8,034  | 823     | \$11,208 | 97      | \$1,104 | \$20,346   |
| December      | 2012    | 132 | 37,968        | \$5,414  | 915     | \$12,511 | 100     | \$1,141 | \$19,066   |
| January       | 2013    | 90  | 48,052        | \$6,182  | 1,075   | \$14,681 | 100     | \$1,141 | \$22,004   |
| February      | 2013    | 66  | 42,769        | \$5,379  | 841     | \$11,542 | 91      | \$1,031 | \$17,952   |
| March         | 2013    | 105 | 55,148        | \$7,093  | 926     | \$12,610 | 100     | \$1,141 | \$20,844   |
| April         | 2013    | 133 | 61,769        | \$7,922  | 618     | \$8,441  | 97      | \$1,104 | \$17,467   |
| May           | 2013    |     |               |          |         |          |         |         | TBD        |
| June          | 2013    |     |               |          |         |          |         |         | TBD        |
| July          | 2013    |     |               |          |         |          |         |         | TBD        |
| August        | 2013    |     |               |          |         |          |         |         | TBD        |
| September     | 2013    |     |               |          |         |          |         |         | TBD        |
| October       | 2013    |     |               |          |         |          |         |         | TBD        |
| Contract Year | To Date | 680 | 306,763       | \$40,024 | 5,198   | \$70,993 | 585     | \$6,662 | \$117,679  |

THIS PAGE
CONTAINS THE
TOTAL MONTHLY
ENERGY UNIT
SAVINGS AND
ASSOCIATED
DOLLAR COST
SAVINGS FOR
ALL FIMS.



### **Contract Q1 Equivalency Savings**

Based Upon 466 metric tons of CO2, the following equivalencies have been developed:



#### QUARTERLY REPORT

#### Prepared By:

Department of Planning and Community Development Municipal Building 288 Central Avenue Dover, NH 03820

Phone: 603-516-6008 c.parker@dover.nh.gov www.dover.nh.gov

### Dover's Strategic Priorities: Dover's Focus Areas:

- Obtain a financially-and environmentally- reasonable permit for the wastewater treatment plant
- Increase non-property-tax revenue sources and control expenses
- Enhance communication to all stakeholders to engender public trust
- Foster Economic Development

- Public Education
- Economic Development
- Public Safety
- Public Infrastructure
- Fiscal Stewardship



#### **Dover's Core Values:**

Customer-Focused Service — We engage our customers, with a focus on listening to and supporting their needs, anticipating and delivering high quality services and ensuring their satisfaction.

Integrity – We conduct ourselves at all times in a manner that is ethical, legal and professional, with the highest degree of honesty, respect and fairness.

Innovation – We develop creative solutions and share leading practices that enhance the value of services provided for our customers.

Accountability – We promote openness and transparency in our operations ensuring that we are accountable for our actions at all times.

Stewardship — We serve as trusted stewards of the public's financial, environmental, social and physical resources always seeking to responsibly utilize, conserve and sustain for current and future generations.

#### **Dover Has:**

30,168 People

28.87 square miles of land

50 miles of river frontage

An average elevation of 80'

6 Wards

Avg # of residents per ward: 5,000

Over 900 fire hydrants

Over 130 miles of public streets

Over 70 acres of parkland

Three elementary schools, one middle school, one high school

Services: Full emergency services (police, fire and ambulance); city water and sewer; public and private solid waste disposal; a recycling program; electricity and natural gas through utilities.

