



Energy Conservation and Demand Management Plan



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1. Commitment

a. Declaration of Commitment

The Town of Essex is committed to responsible energy conservation and management. 2013 was the inaugural year for reporting the Town's energy consumption and greenhouse emissions for each of the Town's facilities as required by the Provincial Green Energy Act. In addition to recording energy consumption, the report also sets out the Town's emissions generated by the energy it consumes. The Corporate Conservation and Energy Management Plan (CCEMP) is a living document that structures resources and methodologies designed to improve energy efficiency, effectiveness, and performance.

b. Vision

The Town of Essex will continue to reduce energy consumption and mitigate costs through the wise use of energy. This will involve a collaborative effort to increase conservation awareness and a better understanding of energy management within the Corporation.

c. Goals

Ontario Regulation 397/11 requires public agencies to develop goals and objectives for conserving and otherwise reducing energy consumption and managing demand for energy as part of the CCEMP. These goals are intended to act as a guide and to provide focus and direction to the Plan while remaining realistic and achievable.

d. Overall Target

The overall objective of the Plan is to achieve savings in the amount of at least fifty thousand dollars (\$50,000) per year.

2. Organizational Understanding

a. Town of Essex Municipal Energy Needs

The Town is often challenged to address the need to provide increased services while working within a constrained operating and capital expenditure budget. The financial challenges facing municipal governments today increase the need to increase efforts throughout the organization to reduce energy use and thereby the cost.

Conservation and system optimization are important steps in the management of energy costs. To this end, energy efficient lighting, variable speed drives, and building automation systems have been introduced to assist in energy management.

b. Municipal Energy Situation

In undertaking an opportunity assessment that related to only a limited number of certain Infrastructure Improvement projects for the Town of Essex in 2009, MCW Custom Energy Solutions Ltd. identified the following:

In 2009, approximately \$193,057 (vehicle fuel excluded) was spent on energy for the various targeted Town facilities, which was comprised of fifty-four percent (54%) electricity, eight percent (8%) domestic water, and thirty-eight percent (38%) natural gas.

It was noted that the Town's buildings have an overall cost intensity of under \$1.47 per square feet per year and a Building Energy Performance Index (indicator of energy consumption per square foot of twenty-two point sixty-one electrical kilowatts per hour, per square foot, per year) (/sq. ft. of 22.61 kw/hr./sq. ft./yr.). MCW points out that this is already quite low when bench marked against similar facilities and confirms the attention that has been paid to energy conservation and consumption to date.

Opportunities exist in a number of municipal buildings for further savings and cost avoidance and the goals and objectives will seek those opportunities and plan for future Infrastructure Improvements.

3. Energy Consumption

a. Consumption Reporting

The summaries for Energy Consumption reporting for each Town facility for each program and building specific for the calendar year 2009 are included as Attachments.

As part of the mandatory provincial reporting, these reports are posted on the Town's website at www.essex.ca.

The total financial 2012 costs of electricity and gas for the reported facilities are as follows:

| Municipal Facility | Gas | Electricity | Total |
|-------------------------------|------------|--------------------|--------------|
| Municipal Buildings | \$9,479 | \$45,966 | \$55,445 |
| Community Services Facilities | \$55,151 | \$361,912 | \$417,063 |
| Wastewater Facilities | \$2,368 | \$197,103 | \$199,471 |
| Water Facilities | \$10,270 | \$59,476 | \$69,746 |
| Public Works Depots | \$5,469 | \$13,819 | \$19,288 |
| Cemeteries | \$1,310 | \$25,351 | \$26,661 |

| Municipal Facility | Gas | Electricity | Total |
|---------------------------|-----------------|--------------------|------------------|
| Streetlights and Signals | | \$104,985 | \$104,985 |
| Total | \$87,625 | \$814,016 | \$901,641 |
| Percentage | 9.7% | 90.3% | 100 |

4. Priority Actions Supporting Energy Management Goals

Goal I - Reduce Energy Consumption and Greenhouse Gas Emissions

The Town has been actively engaged in seeking efficiencies in energy consumption for a number of years through participation in such initiatives as Fleet Challenge Ontario, water and wastewater plant improvements, building automation, and efficient lighting projects etcetera. An important goal of the CCEMP is to ensure that the ongoing effort to reduce energy consumption is a priority in departmental planning and operations and corporate programs are coordinated throughout the organization to support energy related actions.

Goal II - Identify Energy Saving Opportunities

With the approval of Council to enter into a Letter of Intent with MCW, work has begun to undertake and develop an energy management infrastructure improvement program. The first step will be the preparation of a report to detail the energy and operational cost reduction strategies to be implemented at various Town facilities together with the costs and savings opportunities. This report will demonstrate any proposed improvements will continue to meet the needs of the Town and at a minimum will maintain the same design criteria and functionality levels as current.

Goal III - Establish Energy Saving Implementation Plan

Once the Energy Infrastructure Improvement Report has been prepared, it will be filed with Council. Proposed measures identified in the report will be reviewed and recommendations brought forward based on financial merit. This will include active savings as well as cost avoidance. In addition, Town staff will continue to seek efficiencies and operation change to reduce energy consumption in all areas of the organization including ongoing process refinement, purchase of energy efficient equipment, continued fleet greenings, facility maintenance opportunities, and street lighting etcetera.

Goal IV - Maximize Energy Savings Investment

The Town will maximize energy savings investment through development of communications and awareness program The Town's Management Team is committed to ensuring that energy conservation and consumption are a priority for all staff throughout the organization through the development of ongoing communication and awareness programs. Reminders to ensure that lights in unused rooms, computers, and copiers are turned off when remaining unused for periods of time and overnight are examples of ways that every member of the organization can contribute to the overall goals of the corporation.

The Town has participated actively and enthusiastically in the annual Earth Hour initiative and each year encourages all Town residents and businesses to come together to conserve energy and to increase awareness. Other similar activities and events can be considered to further ingrain the need for continuous daily conservation efforts by all citizens and staff.

Goal V - Development of Measurement and Verification Plan

As implementation of the Energy Improvement Plan initiatives occur, it is important to measure and verify the savings and cost avoidances that are the target and goals of the CCEMP. Staff will work with Honeywell Limited through the implementation of their Letter of Intent initiatives as well as with other organizations to develop such a tool.

Goal VI -Explore Renewable Energy Opportunities

The Town will explore opportunities for renewable energy projects involving solar panel installations.

As indicated, through the execution of a Letter of Intent with MCW Custom Energy Solutions Limited initiatives will be identified in an Energy Improvement Plan to be prepared by MCW once Council has approved initiatives, MCW will undertake the execution of those projects under the review and oversight of municipal staff. The appropriate departmental staff under the direction of their supervisors and managers will undertake additional corporate projects as they relate to ongoing process refinements and fleet management energy conservation opportunities. Consideration of resource allocation will be a factor in the identification of additional building maintenance energy efficiency achievements.

5. Evaluation Progress and Review

Recognizing that the CCEMP is a living document, the Management Team will continue to review and report to Council on the progress of the initiative implementation and associated cost savings, cost containment and cost avoidances that are achieved including the identification of energy savings related thereto.



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Table 2.2a - Program A Energy FS Program

| Measure Description | Total Savings (\$) | Electricity Cons (kWh) | Elec. Dem (kW/peak) | Elec. Dem (MWh/Year) | Natural Gas (m ³) | Domestic Water (m ³) | Annual Rebates (\$) | Total Energy (GJ) | CO _{2e} (Tonnes) | Measure Cost (\$) | Simple Payback (Years) | Net Cost (\$) | Incentives | | Total Incentives (\$) | Simple Payback (Years) | Total Cost (Net) (\$) |
|--|--------------------|------------------------|---------------------|----------------------|-------------------------------|----------------------------------|---------------------|-------------------|---------------------------|-------------------|------------------------|---------------|------------------|--------------------|-----------------------|------------------------|-----------------------|
| | | | | | | | | | | | | | Utility Gas (\$) | ERP Prescrip. (\$) | | | |
| A - Lighting Retrofits | \$9,163 | 95,599 | 37.4 | 338.8 | 0 | 0 | 0.0 | 344 | 28 | \$54,823 | 6.0 | \$64 | \$0 | \$3,218 | \$3,282 | 5.6 | \$15,141 |
| A01 Lighting Retrofit & Redesign | \$8,640 | 89,298 | 27.4 | 328.8 | 0 | 0 | 0.0 | 321 | 27 | \$47,101 | 5.5 | \$0 | \$0 | \$2,943 | \$2,943 | 5.1 | \$44,188 |
| A02 Occupancy Sensors | \$523 | 6,300 | 10.0 | 10.0 | 0 | 0 | 0.0 | 23 | 2 | \$7,722 | 14.8 | \$64 | \$0 | \$275 | \$339 | 14.1 | \$7,383 |
| B - Mechanical Modifications | \$7,886 | 0 | 0.0 | 19,738 | 0 | 0.0 | 0.0 | 735 | 38 | \$193,769 | 24.6 | \$5,600 | \$293 | \$0 | \$5,893 | 23.9 | \$187,872 |
| B01 Heating Boiler Replacement (with controls upgrade) | \$3,527 | 0 | 0.0 | 9,178 | 0 | 0.0 | 0.0 | 342 | 17 | \$139,990 | 38.4 | \$3,417 | \$0 | \$0 | \$3,417 | 38.5 | \$136,533 |
| B02 Furnace Replacement | \$1,884 | 0 | 0.0 | 4,696 | 0 | 0.0 | 0.0 | 175 | 9 | \$29,261 | 14.7 | \$0 | \$0 | \$0 | \$0 | 14.7 | \$29,261 |
| B03 Infrared Heating Retrofit | \$691 | 0 | 0.0 | 1,421 | 0 | 0.0 | 0.0 | 53 | 3 | \$8,899 | 11.5 | \$529 | \$71 | \$0 | \$600 | 10.5 | \$8,298 |
| B04 Piping Insulation | \$535 | 0 | 0.0 | 1,381 | 0 | 0.0 | 0.0 | 52 | 3 | \$4,943 | 7.8 | \$518 | \$70 | \$0 | \$587 | 6.5 | \$3,458 |
| B05 Damper Replacements | \$741 | 0 | 0.0 | 1,928 | 0 | 0.0 | 0.0 | 72 | 4 | \$10,125 | 13.7 | \$718 | \$96 | \$0 | \$814 | 12.8 | \$9,311 |
| B06 Garage Door Interlocks | \$478 | 0 | 0.0 | 1,124 | 0 | 0.0 | 0.0 | 42 | 2 | \$4,388 | 9.2 | \$418 | \$58 | \$0 | \$475 | 8.2 | \$3,913 |
| C - Control | \$18,186 | 80,414 | 0.0 | 39,539 | 0 | 0.0 | 0.0 | 1,501 | 86 | \$174,825 | 9.1 | \$15,009 | \$1,627 | \$0 | \$16,636 | 8.3 | \$158,189 |
| C01 Building Automation Controls | \$17,447 | 77,868 | 0.0 | 29,142 | 0 | 0.0 | 0.0 | 1,385 | 79 | \$172,125 | 9.9 | \$15,653 | \$1,457 | \$0 | \$15,110 | 9.0 | \$157,015 |
| C02 Programmable Thermostat Installation | \$1,358 | 1,716 | 0.0 | 2,764 | 0 | 0.0 | 0.0 | 109 | 6 | \$1,755 | 1.3 | \$1,091 | \$138 | \$0 | \$1,229 | 0.4 | \$526 |
| C03 Programmable Thermostat Recommissioning | \$200 | 478 | 0.0 | 348 | 0 | 0.0 | 0.0 | 15 | 1 | \$270 | 1.4 | \$147 | \$17 | \$0 | \$164 | 0.5 | \$106 |
| C04 Log One EMS Thermostat Installation | \$151 | 352 | 0.0 | 285 | 0 | 0.0 | 0.0 | 12 | 1 | \$875 | 4.5 | \$119 | \$14 | \$0 | \$133 | 3.6 | \$442 |
| D - Building Envelope | \$746 | 2,850 | 0.0 | 1,341 | 0 | 0.0 | 0.0 | 60 | 3 | \$4,834 | 6.2 | \$802 | \$67 | \$0 | \$869 | 5.3 | \$3,965 |
| D01 Building Envelope Sealing | \$746 | 2,850 | 0.0 | 1,341 | 0 | 0.0 | 0.0 | 60 | 3 | \$4,834 | 6.2 | \$802 | \$67 | \$0 | \$869 | 5.3 | \$3,965 |
| E - Water | \$6,289 | 0 | 0.0 | 1,808 | 2,300 | 0.0 | 0.0 | 67 | 3 | \$37,934 | 6.0 | \$0 | \$90 | \$0 | \$90 | 6.0 | \$37,844 |
| E01 Domestic Water Retrofits | \$6,289 | 0 | 0.0 | 1,808 | 2,300 | 0.0 | 0.0 | 67 | 3 | \$37,934 | 6.0 | \$0 | \$90 | \$0 | \$90 | 6.0 | \$37,844 |
| F - Renewables | \$2,932 | 0 | 0.0 | 0.0 | 0 | 0 | 2,932.0 | 0 | 0 | \$87,750 | 29.9 | \$0 | \$0 | \$0 | \$0 | 29.9 | \$87,750 |
| F01 Photovoltaic Array | \$2,932 | 0 | 0.0 | 0.0 | 0 | 0 | 2,932.0 | 0 | 0 | \$87,750 | 29.9 | \$0 | \$0 | \$0 | \$0 | 29.9 | \$87,750 |
| TOTAL | \$48,154 | 178,852 | 37.4 | 338.8 | 55,826 | 2,300 | 2,932.0 | 2,107 | 150 | \$553,732 | 13.0 | \$21,275 | \$2,078 | \$3,218 | \$26,570 | 11.4 | \$327,161 |

Town of Essex

Notes: Annual Incentive for F01 Photovoltaic Array is based on a \$0.42 per kWh. (kWh savings not shown in Program Sheet)

Table 2.2 b – Program A Energy FS Program (section 1)

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| Measure Description | Room Savings (\$) | Electricity (kWh/yr) | Electric Demand (kW/annual) | Natural Gas (therms/yr) | Domestic Water (gallons) | Annual Reliability (\$) | Total Energy (kWh/yr) | CO2s (tonnes/yr) | Maximum Cost (\$) | Simple Payback (years) | Net Present Value (\$) | Internal Rate of Return (%) | Net Present Value (\$) | Total Net Present Value (\$) | Simple Payback (years) | Total Net Present Value (\$) | |
|--|-------------------|----------------------|-----------------------------|-------------------------|--------------------------|-------------------------|-----------------------|------------------|-------------------|------------------------|------------------------|-----------------------------|------------------------|------------------------------|------------------------|------------------------------|----------|
| 01 - Essex Municipal Building | \$4,768 | -40,734 | 5.9 | 70.8 | 1,897 | 238 | 0.0 | 216 | 16 | \$44,591 | 9.3 | \$17,755 | \$93 | \$660 | \$2,238 | 8.8 | \$41,863 |
| A - Lighting Retrofits | \$1,278 | 11,021 | 5.9 | 70.8 | 0 | 0 | 0.0 | 40 | 3 | \$13,475 | 10.6 | \$0 | \$0 | \$669 | \$669 | 10.0 | \$12,783 |
| A01 Lighting Retrofit & Redesign | \$1,254 | 10,118 | 5.9 | 70.8 | 0 | 0 | 0.0 | 39 | 3 | \$12,287 | 9.8 | \$0 | \$0 | \$669 | \$669 | 9.2 | \$11,088 |
| A02 Occupancy Sensors | \$22 | 303 | 0.0 | 0.0 | 0 | 0 | 0.0 | 1 | 1 | \$1,188 | 64.0 | \$0 | \$0 | \$0 | \$0 | 54.0 | \$1,188 |
| C - Control | \$2,667 | 26,863 | 0.0 | 0.0 | 1,714 | 0 | 0.0 | 161 | 11 | \$21,125 | 8.9 | \$1,666 | \$80 | \$0 | \$1,666 | 9.2 | \$21,054 |
| C01 Building Automation Controls | \$2,667 | 26,863 | 0.0 | 0.0 | 1,714 | 0 | 0.0 | 161 | 11 | \$21,125 | 8.9 | \$1,666 | \$80 | \$0 | \$1,666 | 8.2 | \$21,054 |
| D - Building Envelope | \$280 | 2,860 | 0.0 | 0.0 | 128 | 0 | 0.0 | 15 | 1 | \$1,402 | 5.4 | \$150 | \$0 | \$0 | \$150 | 4.8 | \$1,246 |
| D01 Building Envelope Sealing | \$280 | 2,860 | 0.0 | 0.0 | 128 | 0 | 0.0 | 15 | 1 | \$1,402 | 5.4 | \$150 | \$0 | \$0 | \$150 | 4.8 | \$1,246 |
| E - Water | \$693 | 0 | 0.0 | 0.0 | 25 | 238 | 0.0 | 1 | 0 | \$5,989 | 10.7 | \$0 | \$1 | \$0 | \$1 | 10.7 | \$5,988 |
| E01 Domestic Water Retrofits | \$693 | 0 | 0.0 | 0.0 | 25 | 238 | 0.0 | 1 | 0 | \$5,989 | 10.7 | \$0 | \$1 | \$0 | \$1 | 10.7 | \$5,988 |
| B2 - Essex CO, Library and St. Michael's HS | \$12,295 | 26,059 | 5.7 | 24.4 | 20,051 | 1,424 | -2,852.0 | 1,064 | 57 | \$32,334 | 17.7 | \$10,327 | \$444 | \$388 | \$11,258 | 17.0 | \$31,178 |
| A - Lighting Retrofits | \$757 | 8,187 | 5.7 | 24.4 | 0 | 0 | 0.0 | 29 | 2 | \$6,263 | 10.9 | \$0 | \$0 | \$388 | \$388 | 10.4 | \$7,885 |
| A01 Lighting Retrofit & Redesign | \$505 | 5,079 | 1.7 | 20.4 | 0 | 0 | 0.0 | 18 | 2 | \$4,609 | 9.3 | \$0 | \$0 | \$238 | \$238 | 8.8 | \$4,451 |
| A02 Occupancy Sensors | \$252 | 3,108 | 4.0 | 4.0 | 0 | 0 | 0.0 | 11 | 1 | \$1,654 | 4.4 | \$0 | \$0 | \$150 | \$150 | 13.5 | \$2,414 |
| B - Mechanical Modifications | \$4,803 | 0 | 0.0 | 0.0 | 12,697 | 0 | 0.0 | 465 | 24 | \$18,218 | 31.9 | \$4,053 | \$106 | \$0 | \$4,053 | 30.9 | \$14,640 |
| B01 Heating Boiler Replacement (with controls upgrade) | \$3,527 | 0 | 0.0 | 0.0 | 9,178 | 0 | 0.0 | 342 | 17 | \$19,090 | 39.4 | \$3,417 | \$0 | \$0 | \$3,417 | 38.5 | \$13,633 |
| B04 Piping Insulation | \$535 | 0 | 0.0 | 0.0 | 1,391 | 0 | 0.0 | 52 | 3 | \$4,043 | 7.6 | \$519 | \$70 | \$0 | \$587 | 6.5 | \$3,466 |
| B05 Damper Replacements | \$741 | 0 | 0.0 | 0.0 | 1,928 | 0 | 0.0 | 72 | 4 | \$10,126 | 13.7 | \$118 | \$0 | \$0 | \$118 | 12.8 | \$9,911 |
| C - Control | \$8,241 | 17,872 | 0.0 | 0.0 | 12,851 | 0 | 0.0 | 544 | 30 | \$45,030 | 8.7 | \$5,429 | \$644 | \$0 | \$5,429 | 7.7 | \$47,817 |
| C01 Building Automation Controls | \$8,241 | 17,872 | 0.0 | 0.0 | 12,851 | 0 | 0.0 | 544 | 30 | \$45,030 | 8.7 | \$5,429 | \$644 | \$0 | \$5,429 | 7.7 | \$47,817 |
| D - Building Envelope | \$242 | 0 | 0.0 | 0.0 | 631 | 0 | 0.0 | 23 | 1 | \$1,615 | 5.6 | \$235 | \$32 | \$0 | \$268 | 4.7 | \$1,148 |
| D01 Building Envelope Sealing | \$242 | 0 | 0.0 | 0.0 | 631 | 0 | 0.0 | 23 | 1 | \$1,615 | 5.6 | \$235 | \$32 | \$0 | \$268 | 4.7 | \$1,148 |
| E - Water | \$3,320 | 0 | 0.0 | 0.0 | 42 | 1,424 | 0.0 | 2 | 0 | \$18,698 | 5.6 | \$0 | \$2 | \$0 | \$2 | 5.6 | \$18,698 |
| E01 Domestic Water Retrofits | \$3,320 | 0 | 0.0 | 0.0 | 42 | 1,424 | 0.0 | 2 | 0 | \$18,698 | 5.6 | \$0 | \$2 | \$0 | \$2 | 5.6 | \$18,698 |
| F - Renewables | \$9,932 | 0 | 0.0 | 0.0 | 0 | 0 | 2,852.0 | 0 | 0 | \$87,750 | 29.9 | \$0 | \$0 | \$0 | \$0 | 29.9 | \$87,750 |
| F01 Photovoltaic Array | \$9,932 | 0 | 0.0 | 0.0 | 0 | 0 | 2,852.0 | 0 | 0 | \$87,750 | 29.9 | \$0 | \$0 | \$0 | \$0 | 29.9 | \$87,750 |
| G2 - Essex Fire Hall and Building Department | \$1,340 | 5,184 | 2.0 | 24.0 | 1,838 | 0 | 0.0 | 67 | 5 | \$1,008 | 6.0 | \$751 | \$32 | \$252 | \$1,265 | 5.2 | \$7,008 |
| A - Lighting Retrofits | \$365 | 3,309 | 2.0 | 24.0 | 0 | 0 | 0.0 | 12 | 1 | \$4,915 | 13.5 | \$0 | \$0 | \$252 | \$252 | 12.8 | \$4,663 |
| A01 Lighting Retrofit & Redesign | \$365 | 3,309 | 2.0 | 24.0 | 0 | 0 | 0.0 | 12 | 1 | \$4,915 | 13.5 | \$0 | \$0 | \$252 | \$252 | 12.8 | \$4,663 |
| B - Mechanical Modifications | \$191 | 0 | 0.0 | 0.0 | 462 | 0 | 0.0 | 17 | 1 | \$1,705 | 9.2 | \$168 | \$23 | \$0 | \$191 | 8.2 | \$1,864 |
| B06 Garage Door Interlocks | \$191 | 0 | 0.0 | 0.0 | 462 | 0 | 0.0 | 17 | 1 | \$1,705 | 9.2 | \$168 | \$23 | \$0 | \$191 | 8.2 | \$1,864 |
| C - Control | \$797 | 1,875 | 0.0 | 0.0 | 1,276 | 0 | 0.0 | 54 | 3 | \$845 | 1.3 | \$443 | \$64 | \$0 | \$500 | 0.5 | \$339 |
| C02 Programmable Thermostat | \$547 | 1,397 | 0.0 | 0.0 | 928 | 0 | 0.0 | 40 | 2 | \$675 | 1.2 | \$396 | \$46 | \$0 | \$442 | 0.4 | \$233 |
| C03 Programmable Thermostat Re-commissioning | \$250 | 478 | 0.0 | 0.0 | 348 | 0 | 0.0 | 15 | 1 | \$279 | 1.4 | \$147 | \$17 | \$0 | \$164 | 0.5 | \$109 |
| D - Building Envelope | \$46 | 0 | 0.0 | 0.0 | 108 | 0 | 0.0 | 4 | 0 | \$462 | 10.5 | \$40 | \$5 | \$0 | \$46 | 9.5 | \$427 |
| D01 Building Envelope Sealing | \$46 | 0 | 0.0 | 0.0 | 108 | 0 | 0.0 | 4 | 0 | \$462 | 10.5 | \$40 | \$5 | \$0 | \$46 | 9.5 | \$427 |
| B4 - Narrow Fire Hall | \$430 | 352 | 0.0 | 0.0 | 867 | 0 | 0.0 | 37 | 2 | \$3,398 | 7.8 | \$360 | \$48 | \$0 | \$408 | 6.9 | \$2,891 |
| B - Mechanical Modifications | \$397 | 0 | 0.0 | 0.0 | 672 | 0 | 0.0 | 25 | 1 | \$2,633 | 9.2 | \$259 | \$34 | \$0 | \$294 | 8.2 | \$2,340 |
| B06 Garage Door Interlocks | \$397 | 0 | 0.0 | 0.0 | 672 | 0 | 0.0 | 25 | 1 | \$2,633 | 9.2 | \$259 | \$34 | \$0 | \$294 | 8.2 | \$2,340 |
| C - Control | \$191 | 362 | 0.0 | 0.0 | 265 | 0 | 0.0 | 12 | 1 | \$675 | 4.5 | \$118 | \$14 | \$0 | \$133 | 3.6 | \$642 |

