



Year 1 Energy Savings Report  
July 2007 – June 2008

# Toronto Arena Energy Retrofit Program Toronto, Ontario

Submitted to:  
City of Toronto Facilities & Real Estate

**PREPARED BY OPTIMIRA ENERGY LIMITED**

**October 2008**

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TORONTO ARENAS ENERGY RETROFIT PROGRAM

YEAR 1 ENERGY SAVINGS REPORT (JULY 2007- JUNE 2008)

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**Year 1 Energy Savings Report**

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Optimira Energy Limited respectfully requests that City of Toronto treat this report and all matters connected with this report as confidential information and that City of Toronto, or their agents, acting on their behalf, not disclose any of the foregoing to any person. If requested to disclose the foregoing, City of Toronto will claim an exemption for disclosure to the Freedom of Information and Protection of Privacy Act and the Access to Information Act.

## Executive Summary

The City of Toronto entered into an Energy Performance Contract with Optimira Energy (previously Cinergy Solutions) on December 2004. The design and construction of the measures took place from January 2005 to June 2007. This report summarizes the savings from July 1, 2007 to June 30, 2008. This represents the combined periods of Q1, Q2, Q3 and Q4.

Various Energy Conservation Measures (ECMs) were installed in 89 ice arenas, outdoor rinks and community centres. These measures included design and retrofit of energy efficient lighting, lighting controls, improved temperature controls, ventilation controls, insulation, building envelope and refrigeration controls. Training and energy awareness was also provided as part of this project.

The savings calculation for the project consists of two approaches. Whole Building approach applied to majority of the savings and applied to all the large buildings. This approach uses monthly utility invoices to determine the energy savings. Calculated Savings were agreed to be used on the remainder of buildings, where it was assessed that accurate savings could not be established at the meter.

The savings for the period of July 1, 2007 to June 30, 2008 are assessed at \$1,278,019. This savings calculation includes weather adjustments and baseline adjustments accounting for material changes within the facilities. The annual estimated savings are \$1,255,452. Overall within the 1<sup>st</sup> year the full savings are being achieved.

As there is now a full year of savings data, the Performance Guarantee provision of the contract was calculated. The calculation demonstrated that the energy cost reductions are sufficient to pay for the project costs over the specified period of time.

## 1.0 Introduction

The City of Toronto entered into an Energy Performance Contract with Optimira Energy (previously Cinergy Solutions) on December 2004. The design and construction of the measures took place from January 2005 to June 2007.

Energy savings have been ramping up as measures were being implemented. July 1, 2007 is the start of the Performance Period. Though there has been significant savings to this point, this report summarizes the savings occurring for the combined first four quarters (Q1, Q2, Q3 and Q4) from July 1, 2007 to June 30, 2008. A quarterly report will be provided for the Performance Period ending June 30, 2009.

Various Energy Conservation Measures (ECMs) were installed in 89 ice arenas, outdoor rinks and community centres. These measures included design and retrofit of energy efficient lighting, lighting controls, improved temperature controls, ventilation controls, insulation, building envelope and refrigeration controls. Training and energy awareness was also provided as part of this project.

The project is performance based, in which Optimira Energy is required to demonstrate that the energy cost reductions are sufficient to pay for the project costs over a specified period of time. This report provides a summary of the Monitoring and Verification process. A summary of the savings calculation is provided. The savings are broken down by the current East and West Districts and the Board of Management (BOM) facilities and Curling Rinks. The items for further work are provided. The backup for the presented numbers is provided in the Appendices.

## 2.0 Monitoring and Verification Process

The methods employed by Optimira Energy for M&V of utility savings are based on ASHRAE Guideline 14P and the International Performance Measurement and Verification Protocol (IPMVP) as well as Optimira's experiences.

The M&V of savings by meter level is performed as either Whole Building method or Calculated savings.

The criteria for the use of the Whole Building method were based upon:

- Base Year energy use can be modelled without considerable error and deviation.
- The dollar amount of savings per utility meter is greater than \$6,500 per year and is greater than 15% of total utility use.

It was agreed that all other savings would be based upon Calculated Savings approach.

### Whole Building Method

On an ongoing basis, the monthly utility bill information is provided by the City to Optimira. This information is transferred to the energy accounting software known as Metrix (v.4.2.1). Metrix has been setup for comparing the current year data with the Base Year data on a monthly basis. The Base Year was agreed to year 2004.

The Base Year is adjusted for weather and billing period. The adjusted Base Year essentially is a calculation of what the building would have used, had no measures been implemented and the building was operated to 2004 conditions.

The difference between the monthly adjusted Base Year consumption and the current consumption represents the monthly savings. The applicable rates, according to the Contract, are applied to the monthly energy savings to calculate the monthly cost savings. This is calculated and reported on a quarterly basis.

### Calculated Savings

The Calculated Savings method involves using engineering calculations and performance data to determine savings. For example, if this approach was used for a lighting retrofit measure, the lighting audit would identify the number and type of fixtures and the hours of use. Manufacturer's specifications would be used to calculate both the existing and post retrofit power draw, and the hours of use would be used to calculate the savings. Calculated savings were stipulated for measures that it was felt

the Whole Building method could not address savings calculation by the meter accurately.

For the measures utilizing Calculated Savings approach the annual savings are pro-rated to the quarter end period. Currently the floor rate pricing is applied to the savings; however the contract allows for current rates to be applied. The current rates need to be verified and where applicable will be updated. This will be provided in a future quarterly report.

### **Material Changes Resulting in Base Year Adjustments**

Energy use within buildings can change as operational changes to meet the needs of the occupants impact the energy use. Also modified, updated or replaced equipment can also impact the energy use of a building. The savings occurring at a facility can be overshadowed by changes occurring at the facility that was not part of the project.

Keeping track of the changes is vital to determining energy savings. Optimira relies on the City to provide information on changes at facilities that will materially impact energy use. Likewise, Optimira also investigates anomalous data and trends in increase of energy use within the facilities. In addition, Optimira reviews periodically the facility operation through the Building Automation System. Where possible, Optimira attempts to remedy the situation or make the city aware of operational challenges in which energy savings are impacted.

Material changes unrelated to the project, resulting in temporary or permanent loss of savings are to be handled through Base Year adjustments. These calculations are to be agreed to by the City. Currently there are several instances that require further investigation to determine the cause of loss of savings. Some of the increases have been investigated and are presented in the table below. At this point the estimated savings is based upon the feasibility report calculations. This may be updated as further information is available to provide more accurate calculations.

In addition, there are several meters that are demonstrating negative savings for the current quarter. These are instance where the current consumption is showing greater energy use than the Base Year. At this time the savings have been zeroed, with a further investigation to follow.

During the summer period of July, August and September demonstrate considerable changes in the facility. Variability in community use, scheduled maintenance opportunities and utility billing make it difficult to assess the savings during this period. Overall negative savings from this period have been zeroed. In doing so neither savings or penalty is registered for these meters over the summer.



### 3.0 Identified Base Year Adjustments

Optimira Energy has identified specific items that have brought loss of anticipated savings which could not have been reasonably anticipated or controlled. Such items include new equipment, unrelated to the project installed on the Premises; Changes to the Premises and/or occupancy; or changes to equipment and systems or their operation, relative to what existed during the Base Year, or was anticipated in the Concept Reports approved by the city.

The circumstances are summarized below and itemized. Currently, the targeted savings are being carried. The nature of the changes needs to be investigated and a more detailed follow up report needs to be submitted with further investigation.

#### Overview of Current Baseyear Adjustment Being Reviewed

BYA ID	Site	BYA Descriptions
BYA 1	Amesbury CC	2004 New Compressor 2x50 hp; Ice plant started up 2-3 weeks late. Air conditioning unit added to Snack Bar Arena light Dimming not fully utilizing
BYA 2	Pleasantview Arena	3 new RTU being installed. To be completed by Apr 17/08; Currently no plans to reinstall RTU to BAS RTU to service Arena Lobby, Dressing Rooms and Mech Rm. Appears to have been done in 2004
BYA 3	Scarborough Centennial	2004 July & Aug Galaxy Arena Ice out (vs operating year round) Jul 2005 AHU6 in pool area replaced by Munters unit. Munters unit provides clg, htg, ventilation and dehumidification. AHU-6 only provided ventilation and heating. 2005 Natural Gas Fill station installed (convert Zamboni from propane to nat gas) 2007 AHU-1 repaired and currently in use now (not in use or limited use previously) 2007 Boiler loop temperature supply increased from 90 deg F to 180 deg F 2007 Lower level (health Club) heating unit repaired and currently in use (not in use or limited use previously) 2007 MAU-1 repaired and currently in use (not in use or limited use previously) June 2007 Heat Recovery from desuperheater off rink compressor for pool makeup water discontinued.
BYA 4	Malvern CRC	Library had a 10000 sqft addition/renovation; 1 RTU added, lights, equipment, computer work area added. 2 Dessicants added (between 05/06) . 2 Humicons (all electric) added 2007. Library has increased hours from 50 hr/week to 59.5 hr/week 06/07 season (i.e., Oct 2006) began on manual control. Found Rink 1 bleacher heters on manual. Changed to Auto. Current OAT set to 8.4degC needs to be 0 degC
BYA 5	Habitant Arena	Increased use of Community Room in summer time New Dehumidifier unit added after 2004 (unsure exact date)
BYA 6	John Booth	2007 ran up 10 days extra in Aug 2007 Annual Increased use by Schools Bleacher heater observed running longer hours/i.e., overridden Ice/refrigeration scheduling not being utilized.

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BYA ID	Site	BYA Descriptions
BYA 7	Herbert Carnegie	Light dimming not being utilized Ice/refrigeration scheduling not being utilized. All Washroom exh fans are manually on New electric Zamboni added to facility (March 2008)
BYA 8	Scarborough Gardens	Gas fired blower added to rink area (2005). Ctransfer air is brought in from Zamboni Room (i.e. likely more OA is being infiltrated in Zamboni room (causing zamboni room heaters to operate longer hours). Current setpoint is 22 deg C (i.e. the blower operated close to 24/7) 2007 season started 2 weeks earlier
BYA 9	Tam Heather CC	Ice use programs have increased. 2 new leagues added. Avonlea has closed down since Aug06. Possible longer hours of operation. Larger # of sheets in use.
BYA 10	Ted Reeve Arena	New bubble added; dessicant unit added.
BYA 11	East York Memorial Arena	Ice/refrigeration scheduling not being utilized. IR Stand heaters not controlled (start in morning and left until close).
BYA 12	East York Curling Club	Programs have increased over the past 3 years. Avonlea has closed down since Aug06. Possible longer hours of operation. Larger # of sheets in use. Ice/refrigeration scheduling not being utilized. As of Nov 27/07 not in use.
BYA 13	McGregor CC	Flooding took place in 2006 (unsure if this has impact) School use has increased during daytime over past 2 years. Library expansion in 2003/04. Unsure when completed.
BYA 14	Central Arena	Ice/refrigeration scheduling not being utilized.
BYA 15	Mitchel Field	New equipment being added. AHU-1; Pool equipment. Facility is closed early due to construction. (arena floor being dug up) May be increased use due to school usage.
BYA 16	Gord & Irene Risk CC	2006 1 AHU eliminated; 2 AHU added. Increased cooling. Interior space was renovated/retrofitted.

## 4.0 Overall Savings Summary

The overall savings for the project, from July 1, 2007 to June 30, 2008, are summarized below. This is broken out in detail by building in Appendix A. Monthly savings are provided in Appendix E.

### Overall Savings Summary (Year 1, Q4/YTD; July 2007 to June 2008)

Utility	Units	Q4/YTD Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	19,215	\$ 112,302	14,843	\$ 87,575	129%	128%
kW Demand	kW	9,074	\$ 37,019	3,757	\$ 15,028	242%	246%
Electricity	kWh	10,498,157	\$ 749,787	9,845,840	\$ 685,768	107%	109%
Gas	m3	894,595	\$ 372,910	1,070,945	\$ 439,087	84%	85%
Misc	Misc Ted Reeve DHW (1)		\$ 6,000		\$ 6,000		100%
Misc	Misc Energy Awareness (2)				\$ 29,994		
<b>Total</b>			<b>\$ 1,278,019</b>		<b>\$ 1,263,452</b>		<b>101%</b>

Notes:

- (1) At Ted Reeve Arena, Optimira was able to modify the hot water rental agreement to an annual savings of \$6000.
- (2) At all the arenas, operational and energy awareness was part of the program. A savings amount was allocated to the project. This number is an estimate of the savings that can be achieved through ongoing monitoring and targeting of building scheduling. This estimate is provided for the full project and is not facility specific.

The breakdown of the Actual Savings above is comprised of Whole Building Savings and Calculated Savings. In instance where the current year consumption is greater than the Base Year, which has resulted in a "negative" savings, this has been zeroed until further investigation. There was \$58,181 of negative savings that have been zeroed. The breakdown of the Q4 cost savings is summarized below.

### Breakdown of Q4 Savings Calculation Approach (Year 1, Q4/YTD; July 2007 to June 2008)

Whole Building	Calculated	Total
\$ 1,038,259	\$ 239,760	\$ 1,278,019

At the beginning of the project, the City arenas were divided into 4 districts known as North, East, South, West Districts, the Board of Management (BOM) facilities and Curling Arenas. Currently these have been combined into 2 districts known as East and West Districts and BOM facilities and Curling Arenas.

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## 5.0 Savings By East District

The Buildings included in the savings calculations for the East District are listed below.

### Savings For Buildings in the East District (Year 1, Q4/YTD; July 2007 to June 2008)

Current District	Previous District	Building Name	Address	Q4/YTD Actual Cost Savings
East	East	Agincourt R.C./Arena/Pool	31 Glen Watford Dr.	\$ 68,278
East	South	Barbara Ann Scott AIR	444 Yonge St.	\$ 1,506
East	North	Bayview Arena	3230 Bayview Ave.	\$ 8,928
East	North	Broadlands Park C.R.C./ODP/AIR	19 Castlegrove Blvd.	\$ 2,815
East	East	Centennial R.C./Pool & Ice Galaxy	31 Glen Watford Dr.	\$ 95,277
East	East	Commander Park C.C & Arena	140 Commander Blvd.	\$ 43,564
East	North	Cummer C.C./Arena/Pool	6000 Leslie Street	\$ 43,696
East	South	Dieppe Park AIR	455 Cosburn Ave.	\$ 9,644
East	North	Don Mills Civitan Arena	1030 Don Mills Rd.	\$ 11,286
East	South	East York Memorial Arena	888 Cosburn Ave.	\$ 16,506
East	North	Fenside Arena	30 Slidell Cres.	\$ 5,786
East	North	Flemingdon Arena	165 Grenoble Dr.	\$ 8,526
East	South	Greenwood AIR	150 Greenwood Ave.	\$ 2,972
East	East	Heron Park C.C./Arena/ODP	292 Manse Road	\$ 45,427
East	South	Hodgson AIR	276 Davisville Ave.	\$ 4,731
East	South	Jimmie Simpson AIR	870 Queen Street East	\$ 24,301
East	South	Kew Gardens AIR	2075 Queen St. East	\$ 2,292
East	East	Malvern C.R.C./Arena	30 Sewells Road	\$ 48,688
East	East	McGregor C.C./arena	2231 Lawrence Ave E	\$ 26,623
East	East	Mid Scarborough C.C./Arena	2467 Eglinton Ave. E.	\$ 49,027
East	North	Mitchell Field C.C./Arena	89 Church Avenue	\$ 17,286
East	South	Monarch Park AIR	115 Felstead Ave.	\$ 5,433
East	North	Oriole C.R.C./Arena/ODP	2975 Don Mills Road	\$ 25,054
East	North	Pleasantview C.C. & Arena/ODP/Bocce	545 Van Horne Avenue	\$ 33,625
East	South	Ramsden AIR	1020 Yonge St.	\$ 2,503
East	South	Regent Park North AIR	Dundas W (@ River St.)	\$ 4,072
East	South	Regent Park South AIR	(Shuter at Sumach)	\$ 3,965
East	South	Riverdale Park AIR	550 Broadview Ave.	\$ 3,378
East	South	Rosedale Park AIR	20 Schofield Ave.	\$ 1,120
East	South	Ryerson AIR	25 Gould St.	\$ 1,284
East	East	Scarborough Gardens Arena	75 Birchmount Rd.	\$ 21,439
East	East	Scarborough Village C.C./Arena	3600 Kingston Road	\$ 33,823
East	North	Victoria Village Arena	190 Bermondsey Rd.	\$ 17,477
East	South	Withrow Park AIR	725 Logan Ave.	\$ 2,042
East	North	York Mills Arena	2539 Bayview Ave.	\$ 15,816
			<b>Total</b>	<b>\$ 708,190</b>

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The overall savings for the East District from July 1, 2007 to June 30, 2008 are summarized below. This is broken out in detail in Appendix B. The monthly savings are provided in Appendix E.

**Overall Savings Summary (Year 1, Q4/YTD; July 2007 to June 2008)**

Utility	Units	Q4/YTD Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	10,385	\$ 60,955	8,280	\$ 48,852	125%	125%
kW Demand	kW	4,111	\$ 17,141	2,111	\$ 8,446	195%	203%
Electricity	kWh	5,936,116	\$ 414,999	5,462,658	\$ 373,946	109%	111%
Gas	m3	515,255	\$ 215,094	673,030	\$ 275,942	77%	78%
<b>Total</b>			<b>\$ 708,190</b>		<b>\$ 707,186</b>		<b>100%</b>

The breakdown of the Actual Savings above is comprised of Whole Building Savings and Calculated Savings. In instance where the current year consumption is greater than the Base Year, which has resulted in a “negative” savings, this has been zeroed until further investigation. There was \$33,358 of negative savings that have been zeroed. The breakdown of the Q4 Cost savings is summarized below.

**Breakdown of East Q4 Savings By Calculations (Year 1, Q4/YTD; July 2007 to June 2008)**

Whole Building	Calculated	Total
\$ 628,966	\$ 79,224	\$ 708,190

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## 6.0 Savings By West District

The Buildings included in the savings calculations for the West District are listed below.

Savings For Buildings in the West District (Year 1, Q4/YTD; July 2007 to June 2008)

Current District	Previous District	Building Name	Address	Q4/YTD Actual Cost Savings
West	West	Albion Arena	1501 Albion Rd.	\$ 5,223
West	West	Amesbury Park Sports Complex/Bocce	155 Culford Rd.	\$ 34,090
West	North	Baycrest Arena	160 Neptune Dr.	\$ 5,187
West	West	Buttonwood AIR	30 Mulham Place	\$ 2,616
West	South	Campbell Park AIR	255 Campbell Ave.	\$ 6,263
West	West	Centennial Park Arena	56 Centennial Park Rd.	\$ 24,067
West	West	Central Arena	50 Montgomery Rd.	\$ 61,504
West	West	Chris Tonks Keeleisdale Arena	2801 Eglinton Ave. W.	\$ 8,191
West	South	Christie Pits AIR	779 Crawford St.	\$ 3,457
West	West	Downsview Arena	1633 Wilson Ave.	\$ 18,897
West	South	Dufferin Grove AIR	875 Dufferin St	\$ 4,382
West	West	Giovanni Caboto AIR	1369 St. Clair Ave. W	\$ 2,656
West	North	Glen Long C.C./ODP/Bocce/AIR	35 Glen Long Ave.	\$ 19,970
West	West	Gord & Irene Risk C.C./Arena/ODP/Bocce	2650 Finch Ave. W.	\$ 36,015
West	North	Goulding Park C.C./Arena/ODP	45 Goulding Ave.	\$ 15,377
West	North	Grandravine C.C./Arena/ODP/Bocce	23 Grandravine Dr.	\$ 8,894
West	West	Habitant Arena	3383 Weston Rd.	\$ 10,652
West	South	Harry R. Gairey AIR	275 Bathurst St.	\$ 3,604
West	North	Herbert H. Carnegie Centennial Centre Arena	580 Finch Ave. W.	\$ 31,736
West	West	High Park AIR (#4 & #5)	1873 Bloor St. W	\$ 9,219
West	West	Humber Valley AIR	50 Anglesey Blvd.	\$ 2,275
West	North	Irving W. Chapley C.C./AIR	205 Wilmington Ae.	\$ 3,514
West	North	John Booth Mem. Arena/Bocce	230 Gosford Blvd.	\$ 12,595
West	West	Lambton Kingsway AIR	37 Marquis Ave.	\$ 2,149
West	West	Lambton Park Arena	4100 Dundas St. W.	\$ 13,831
West	North	Ledbury C.C./ODP/AIR	146 Ledbury St	\$ 1,780
West	West	Long Branch Arena	75 Arcadian Circle	\$ 14,220
West	West	Martingrove AIR	400 Martin Grove Rd.	\$ 3,205
West	West	Mimico Arena	31 Drummond St.	\$ 10,139
West	North	Otter Creek AIR	140 Cheritan Ave.	\$ 15,351
West	West	Park Lawn (Bubble) AIR	340 Park Lawn Road	\$ 8,445
West	West	Phil White Arena	443 Arlington Ave.	\$ 19,985
West	West	Pine Point Arena	55 Allenby Rd.	\$ 7,818
West	West	Prince of Wales AIR	1 Third Street	\$ 2,775
West	West	Queensway AIR	8 Avon Park Dr.	\$ 1,926
West	West	Rennie Park AIR	140 Ellis Ave. ( 1 Rennie Ter.	\$ 4,004
West	West	Rivercrest AIR	30 Harefield Drive	\$ 1,619
West	North	Roding C.C./Arena/ODP	600 Roding Street	\$ 23,099
West	West	Royalcrest AIR	50 Cabernet Circle	\$ 2,743
West	West	Sir Adam Beck AIR	520 Homer Ave.	\$ 1,754
West	West	Summerlea AIR	2 Arcot Blvd.	\$ 1,908
West	West	Sunnydale Acres AIR	50 Amoro Drive	\$ 3,553
West	South	Trinity Belwoods AIR	790 Queen St. West	\$ 1,612
West	West	Valleyfield AIR	35 The Westway	\$ 3,230
West	South	Wallace Emerson AIR	1260 Dufferin St.	\$ 2,449
West	West	Wedgewood AIR	15 Swan Avenue	\$ 1,928
West	West	West Mall AIR	370 The West Mall	\$ 4,735
West	West	Westgrove AIR	15 Redgrave Dr.	\$ 2,347
West	West	Westway AIR	175 The Westway	\$ 3,619
<b>Total</b>				<b>\$ 490,609</b>

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The overall savings for the West District from July 1, 2007 to June 30, 2008 are summarized below. This is broken out in detail in Appendix C. The monthly savings are provided in Appendix E.

**Overall Savings Summary (Year 1, Q4/YTD; July 2007 to June 2008)**

Utility	Units	Q4/YTD Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	8,286	\$ 48,133	5,652	\$ 33,348	147%	144%
kW Demand	kW	4,593	\$ 18,383	1,438	\$ 5,753	319%	320%
Electricity	kWh	3,717,933	\$ 275,879	3,478,294	\$ 247,139	107%	112%
Gas	m3	355,917	\$ 148,213	364,436	\$ 149,419	98%	99%
<b>Total</b>			<b>\$ 490,609</b>		<b>\$ 435,658</b>		<b>113%</b>

The breakdown of the Actual Savings above is comprised of Whole Building Savings and Calculated Savings. In instance where the current year consumption is greater than the Base Year, which has resulted in a “negative” savings, this has been zeroed until further investigation. There was \$31,175 of negative savings that have been zeroed. The breakdown of the Q4 cost savings is summarized below.

**Breakdown of West Q4 Savings By Calculations (Year 1, Q4/YTD; July 2007 to June 2008)**

Whole Building	Calculated	Total
\$ 339,663	\$ 150,946	\$ 490,609

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## 7.0 Savings By BOM Facilities and Curling Rinks

BOM Facilities and Curling Rinks were also part of the Energy Performance Contract. The savings are summarized below.

### 7.1 Savings By BOM Facilities

The Savings By BOM Facility are provided below for the period from July 2007 to June 2008.

Current District	Previous District	Building Name	Address	Q4/YTD Actual Cost Savings
BOM	BOM	George Bell Arena	215 Ryding Avenue	\$ 13,778
BOM	BOM	Ted Reeve Arena	175 Main Street	\$ 33,023
			<b>Total</b>	<b>\$ 46,801</b>

The overall savings for the BOM Facilities from July 1, 2007 to June 30, 2008 are summarized below. This is broken out in detail in Appendix D. The monthly savings are provided in Appendix E.

#### Overall Savings Summary BOM Facilities (Year 1, Q4/YTD; July 2007 - June 2008)

Utility	Units	Q3/YTD Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Cost	Energy	Cost	Energy	Cost
kVa Demand	kVa	158	\$ 933	524	3,094	30%	30%
kW Demand	kW	77	\$ 317	104	418	74%	76%
Electricity	kWh	545,980	\$ 37,029	551,000	37,264	99%	99%
Gas	m3	6,152	\$ 2,522	6,152	2,522	100%	100%
Misc(1)			\$ 6,000		6,000		100%
<b>Total</b>			<b>\$ 46,801</b>		<b>\$ 49,298</b>		<b>95%</b>

Note: (1) At Ted Reeve Arena, Optimira was able to modify to hot water rental agreement to an annual savings of \$6000.

The breakdown of the Actual Savings above is comprised of Whole Building Savings and Calculated Savings. In instance where the current year consumption is greater than the Base Year, which has resulted in a "negative" savings, this has been zeroed until further investigation. There was \$3,616 of negative savings that have been zeroed. The breakdown of the Q4 cost savings is summarized below.

#### Breakdown of BOM Q4/YTD Savings By Calculations

Whole Building	Calculated	Total
\$ 38,618	\$ 8,183	\$ 46,801



**TORONTO ARENAS ENERGY RETROFIT PROGRAM**

YEAR 1 ENERGY SAVINGS REPORT (JULY 2007- JUNE 2008)

**7.2 Savings By Curling Rinks**

The Savings By Curling Rinks are provided below for the period from July 2007 to June 2008.

Current District	Previous District	Building Name	Address	Q4/YTD Actual Cost Savings
BOM	BOM	East York Curling Club	901 Cosburn Ave.	\$ 14,211
BOM	North	Leaside Curling Club	1073A Millwood Rd.	\$ 5,500
BOM	BOM	Tam Heather Curling Club	730 Military Trail	\$ 12,707
<b>Total</b>				<b>\$ 32,419</b>

The overall savings for the Curling Rinks from July 2007 to June 2008 are summarized below. This is broken out in detail in Appendix D. The monthly savings are provided in Appendix E.

**Overall Savings Summary Curling Rinks (Year 1, Q4/YTD; July 2007 - June 2008)**

Utility	Units	Q4/YTD Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Cost	Energy	Cost	Energy	Cost
kVa Demand	kVa	387	2,281	387	\$ 2,032	100%	112%
kW Demand	kW	294	1,177	103	\$ 411	286%	286%
Electricity	kWh	298,128	21,880	353,888	\$ 27,418	84%	80%
Gas	m3	17,271	7,081	27,328	\$ 11,204	63%	63%
<b>Total</b>			<b>\$ 32,419</b>		<b>\$ 41,066</b>		<b>79%</b>

The breakdown of the Actual Savings above is comprised of Whole Building Savings and Calculated Savings. In instance where the current year consumption is greater than the Base Year, which has resulted in a “negative” savings, this has been zeroed until further investigation. There was \$4,240 of negative savings that have been zeroed. The breakdown of the Q4 cost savings is summarized below.

**Breakdown of Curling Rinks Q4/YTD Savings By Calculations**

Whole Building	Calculated	Total
\$ 31,012	\$ 1,407	\$ 32,419

## 8.0 Performance Guarantee

The project is performance based, in which Optimira Energy is required to demonstrate that the energy cost reductions are sufficient to pay for the project costs over a specified period of time.

Referring to Article 7, Performance Guarantee of the Agreement between The City and Optimira Energy:

“CINERGY SOLUTIONS (now Optimira Energy) will provide a 100% energy performance guarantee as follows: the City will provide CINERGY SOLUTIONS with complete data on electricity, gas and water utilities for the Performance Period for each Premise that implemented the Measures. CINERGY SOLUTIONS will quantify costs of energy consumption at the Premises, normalizing annual gas, electricity and water consumption for weather conditions and any changes in use or operations of the facilities as per Schedule "B". If the Project Costs (as defined in Article 9), less Incentives received, exceeds the product of the Test Period savings multiplied by the Projected Payback Period, CINERGY SOLUTIONS will reimburse the difference (negative energy cost savings) to the City at the end of the Performance Period.”

Based on the above, the factors required to evaluate the performance guarantee are the “Project Costs”, “Incentives received”, “Test Period savings” and the “Projected Payback Period”. The following is an explanation of each:

### Project Costs

Referring to Article 9 of the Agreement:

“Project Costs shall include any additional feasibility study costs and all costs directly attributable to the design and implementation, monitoring and evaluation, and 7% guarantee fee for the Project. These costs shall include CINERGY SOLUTIONS labour, external resources, overheads, and mark-ups up to a maximum of \$10.213 Million.”

Since the execution of the contract, the maximum Project Costs has been revised from \$10.213 Million to \$9,906,600. This maximum has been reached as of issue and payment of Invoice 1448-036. Therefore the Project Costs for this calculation are \$9,906,600.00

**TORONTO ARENAS ENERGY RETROFIT PROGRAM**

YEAR 1 ENERGY SAVINGS REPORT (JULY 2007- JUNE 2008)

**Incentives Received**

Referring to Article 1, Definitions of the Agreement,

“Incentives” shall mean all grant programs for which the City has applied for and approval has been granted including, but not limited to: Natural Resources Canada’s Renewable Energy Deployment Initiative, Better Buildings Partnership, Enbridge Consumers Gas Distribution’s Multichoice Program, NRCan’s CBIP program, REDI program, and Energy Innovators Program, and Emissions Credits/Baseline Protection.

The following is a summary of the Incentives received to date for this project:

	<b>Funding Organization &amp; Grants</b>				
	<b>TAF</b>	<b>NRCAN</b>	<b>Enbridge</b>	<b>Toronto Hydro CDM</b>	<b>Toronto Water</b>
Natural Gas Savings Measures			\$85,980		
Electrical Demand Savings Measures				\$98,232	
Ice Re-surfacer Fill Control					\$1,208
Centennial and Agincourt Solar Water Heating	\$47,025				
- Centennial Solar Water Heating		\$13,375			
- Agincourt Solar Water Heating		\$12,656			
<b>Project Total</b>	<b>\$47,025</b>	<b>\$26,031</b>	<b>\$85,980</b>	<b>\$98,232</b>	<b>\$1,208</b>

**Total \$258,476**

Therefore Incentives of \$258,476 will be used for this calculation.

**Test Period Savings**

Referring to Article 1, Definitions of the Agreement,

“Test Period” means the twelve continuous month period selected by CINERGY SOLUTIONS within the Performance Period;

The current twelve month period presented in this report, July 1, 2007 to June 30, will be used for the Test Period. Savings for this period as described in this report are \$1,278,019.

### **Projected Payback Period**

Referring to ARTICLE 1, Definitions of the Agreement,

“Projected Payback Period” means a period of up to eight (8) years during which the Total Energy Cost Savings will be sufficient to retire the Project Costs;

Therefore a Projected Payback Period of 8 years will be used for this calculation.

### **Calculation of Performance Guarantee Reimbursement**

The calculation of the reimbursement as described in Article 7, Performance Guarantee of the Agreement is:

Performance Guarantee Reimbursement equals Project Costs less Incentives less Test Period Savings x Projected Payback Period

Substituting the values above,

$$\begin{aligned} \text{Performance Guarantee Reimbursement} &= \$9,906,600 - \$258,476 - \$1,278,019 \times 8 \\ &= (\$576,028) \end{aligned}$$

As the calculation is negative, Optimira Energy has demonstrated that the energy cost reductions are sufficient to pay for the project costs over the specified period of time.

## 9.0 Conclusion and Next Steps

The savings have been presented for the overall project and are broken down by the East and West Districts, BOM facilities and Curling Rinks. The overall savings observed by the project for the third quarter ending June 30, 2008 has been assessed to be \$\$1,278,019. This is based upon the information available at the time of writing.

Overall it is assessed that within the first year, the savings are in line with expectations given:

- Savings have been observed to increase as operators have become more comfortable in utilizing the Building Operation Systems.
- Base Year adjustments have been presented. These will be finalized to better understand their impacts on the savings measures.
- Opportunities to improve current operations will be looked into through automation system schedule reviews and site visits.

There were several facilities demonstrating negative savings. These are the result of the facility using more energy than in the selected Base Year (Year 2004). The operation within these facilities will be reviewed. Baseline adjustments may result as a result of this review.

**Appendix A: Energy Savings to Q4 (July 2007 to  
June 2008) Sorted Alphabetically By Building By  
Utility**

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Appendix A: Detailed Savings Summary By Utility by Building (sorted Alphabetically)

Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost	
Agincoourt R.C./Arena/Pool	Electric	kVa	1,071	\$ 6,316	Whole Building	1,038	\$ 6,107	1,038	\$ 6,107	
Agincoourt R.C./Arena/Pool	Electric	kW	364	\$ 1,457	Whole Building	591	\$ 2,372	591	\$ 2,372	
Agincoourt R.C./Arena/Pool	Electric	kWh	448,474	\$ 30,195	Whole Building	748,938	\$ 52,987	748,938	\$ 52,987	
Agincoourt R.C./Arena/Pool	Gas	m3	68,411	\$ 28,048	Whole Building	15,687	\$ 6,813	15,687	\$ 6,813	
<b>Agincoourt R.C./Arena/Pool Total</b>				\$ 66,016			\$ 68,278		\$ 68,278	
Albion Arena	Electric	kVa	94	\$ 554	Whole Building	26	\$ 152	26	\$ 152	
Albion Arena	Electric	kW	30	\$ 121	Whole Building	(8)	\$ (32)	-	\$ -	
Albion Arena	Electric	kWh	64,607	\$ 4,369	Whole Building	21,419	\$ 1,975	37,943	\$ 3,499	1
Albion Arena	Gas	m3	3,832	\$ 1,571	Calculated Savings		\$ -	3,832	\$ 1,571	
<b>Albion Arena Total</b>				\$ 6,615			\$ 2,095		\$ 5,223	
Amesbury Park Sports Complex/Bocce	Electric	kVa	118	\$ 695	Whole Building	491	\$ 2,897	491	\$ 2,897	
Amesbury Park Sports Complex/Bocce	Electric	kW	-	\$ -	Whole Building	326	\$ 1,304	326	\$ 1,304	
Amesbury Park Sports Complex/Bocce	Electric	kWh	191,684	\$ 18,944	Whole Building	76,575	\$ 5,672	191,684	\$ 18,944	BYA1
Amesbury Park Sports Complex/Bocce	Gas	m3	26,697	\$ 10,946	Whole Building	16,982	\$ 7,371	26,697	\$ 10,946	BYA1
<b>Amesbury Park Sports Complex/Bocce Total</b>				\$ 30,585			\$ 17,243		\$ 34,090	
Barbara Ann Scott AIR	Electric	kVa	-	\$ -	Calculated Savings		\$ -	-	\$ -	
Barbara Ann Scott AIR	Electric	kW	-	\$ -	Calculated Savings		\$ -	-	\$ -	
Barbara Ann Scott AIR	Electric	kWh	22,267	\$ 1,506	Calculated Savings		\$ -	22,267	\$ 1,506	
Barbara Ann Scott AIR	Gas	m3	-	\$ -	Calculated Savings		\$ -	-	\$ -	
<b>Barbara Ann Scott AIR Total</b>				\$ 1,506			\$ -		\$ 1,506	
Baycrest Arena	Electric	kVa	209	\$ 1,230	Whole Building	420	\$ 2,478	420	\$ 2,478	
Baycrest Arena	Electric	kW	32	\$ 126	Whole Building	59	\$ 243	91	\$ 373	1
Baycrest Arena	Electric	kWh	89,184	\$ 6,032	Whole Building	(35,663)	\$ (2,227)	-	\$ -	1
Baycrest Arena	Gas	m3	5,698	\$ 2,336	Calculated Savings		\$ -	5,698	\$ 2,336	
<b>Baycrest Arena Total</b>				\$ 9,724			\$ 494		\$ 5,187	
Bayview Arena	Electric	kVa	181	\$ 1,066	Whole Building	244	\$ 1,451	244	\$ 1,451	
Bayview Arena	Electric	kW	36	\$ 145	Whole Building	61	\$ 255	61	\$ 255	1
Bayview Arena	Electric	kWh	134,368	\$ 9,087	Whole Building	52,722	\$ 3,723	52,722	\$ 3,723	
Bayview Arena	Gas	m3	13,168	\$ 5,399	Whole Building	8,091	\$ 3,499	8,091	\$ 3,499	
<b>Bayview Arena Total</b>				\$ 15,697			\$ 8,928		\$ 8,928	
Broadlands Park C.R.C./ODP/AIR	Electric	kVa	19	\$ 111	Calculated Savings		\$ -	19	\$ 111	
Broadlands Park C.R.C./ODP/AIR	Electric	kW	18	\$ 72	Calculated Savings		\$ -	18	\$ 72	
Broadlands Park C.R.C./ODP/AIR	Electric	kWh	20,854	\$ 1,410	Calculated Savings		\$ -	20,854	\$ 1,410	
Broadlands Park C.R.C./ODP/AIR	Gas	m3	2,980	\$ 1,222	Calculated Savings		\$ -	2,980	\$ 1,222	
<b>Broadlands Park C.R.C./ODP/AIR Total</b>				\$ 2,815			\$ -		\$ 2,815	
Buttonwood AIR	Electric	kVa	-	\$ -	Calculated Savings		\$ -	-	\$ -	
Buttonwood AIR	Electric	kW	-	\$ -	Calculated Savings		\$ -	-	\$ -	
Buttonwood AIR	Electric	kWh	26,474	\$ 2,616	Calculated Savings		\$ -	26,474	\$ 2,616	
Buttonwood AIR	Gas	m3	-	\$ -	Calculated Savings		\$ -	-	\$ -	
<b>Buttonwood AIR Total</b>				\$ 2,616			\$ -		\$ 2,616	
Campbell Park AIR	Electric	kVa	-	\$ -	Calculated Savings		\$ -	-	\$ -	
Campbell Park AIR	Electric	kW	-	\$ -	Calculated Savings		\$ -	-	\$ -	
Campbell Park AIR	Electric	kWh	92,610	\$ 6,263	Calculated Savings		\$ -	92,610	\$ 6,263	
Campbell Park AIR	Gas	m3	-	\$ -	Calculated Savings		\$ -	-	\$ -	
<b>Campbell Park AIR Total</b>				\$ 6,263			\$ -		\$ 6,263	
Centennial Park Arena	Electric	kVa	449	\$ 2,649	Whole Building	687	\$ 4,047	687	\$ 4,047	
Centennial Park Arena	Electric	kW	59	\$ 238	Whole Building	45	\$ (196)	-	\$ -	1
Centennial Park Arena	Electric	kWh	103,012	\$ 6,967	Whole Building	279,642	\$ 20,019	279,642	\$ 20,019	
Centennial Park Arena	Gas	m3	7,630	\$ 3,128	Whole Building	(3,466)	\$ (1,478)	-	\$ -	1
<b>Centennial Park Arena Total</b>				\$ 12,982			\$ 22,392		\$ 24,067	

Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost	
Centennial R.C./Pool & Ice Galaxy	Electric	kVa	595	\$ 3,513	Whole Building	(76)	\$ (448)	595	\$ 3,513	1, BYA 3
Centennial R.C./Pool & Ice Galaxy	Electric	kW	151	\$ 602	Whole Building	(534)	\$ (2,136)	151	\$ 602	BYA 3
Centennial R.C./Pool & Ice Galaxy	Electric	kWh	487,983	\$ 33,002	Whole Building	385,923	\$ 27,229	487,983	\$ 33,002	BYA 3
Centennial R.C./Pool & Ice Galaxy	Gas	m3	141,854	\$ 58,160	Whole Building	(12,905)	\$ (5,573)	141,854	\$ 58,160	1, BYA 3
<b>Centennial R.C./Pool &amp; Ice Galaxy Total</b>				\$ 95,277			\$ 19,072		\$ 95,277	
Central Arena	Electric	kVa	408	\$ 2,405	Calculated Savings			408	\$ 2,405	
Central Arena	Electric	kW	106	\$ 423	Calculated Savings			106	\$ 423	
Central Arena	Electric	kWh	230,127	\$ 15,564	Calculated Savings			230,127	\$ 15,564	
Central Arena	Gas	m3	105,151	\$ 43,112	Whole Building	76,505	\$ 31,563	105,151	\$ 43,112	BYA 14
<b>Central Arena Total</b>				\$ 61,504			\$ 31,563		\$ 61,504	
Chris Tonks Keelesdale Arena	Electric	kVa	211	\$ 1,247	Whole Building	424	\$ 2,502	424	\$ 2,502	
Chris Tonks Keelesdale Arena	Electric	kW	63	\$ 253	Whole Building	364	\$ 1,455	364	\$ 1,455	
Chris Tonks Keelesdale Arena	Electric	kWh	94,430	\$ 6,386	Whole Building	60,218	\$ 4,235	60,218	\$ 4,235	
Chris Tonks Keelesdale Arena	Gas	m3	2,836	\$ 1,163	Whole Building	-	\$ -	-	\$ -	1
<b>Chris Tonks Keelesdale Arena Total</b>				\$ 9,049			\$ 8,191		\$ 8,191	
Christie Pits AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Christie Pits AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Christie Pits AIR	Electric	kWh	51,110	\$ 5,051	Calculated Savings			51,110	\$ 5,051	
Christie Pits AIR	Gas	m3	-	\$ -	Calculated Savings			-	\$ -	
<b>Christie Pits AIR Total</b>				\$ 5,051			\$ -		\$ 5,051	
Commander Park C.C. & Arena	Electric	kVa	343	\$ 2,022	Whole Building	(599)	\$ (3,540)	-	\$ -	1
Commander Park C.C. & Arena	Electric	kW	130	\$ 520	Whole Building	(738)	\$ (2,957)	-	\$ -	1
Commander Park C.C. & Arena	Electric	kWh	381,735	\$ 25,817	Whole Building	359,736	\$ 25,182	363,587	\$ 25,452	
Commander Park C.C. & Arena	Gas	m3	28,562	\$ 11,710	Whole Building	43,378	\$ 18,112	43,378	\$ 18,112	
<b>Commander Park C.C. &amp; Arena Total</b>				\$ 40,069			\$ 36,798		\$ 43,564	
Cummer C.C./Arena/Pool	Electric	kVa	572	\$ 3,377	Whole Building	944	\$ 5,570	944	\$ 5,570	
Cummer C.C./Arena/Pool	Electric	kW	92	\$ 370	Whole Building	336	\$ 1,338	336	\$ 1,338	
Cummer C.C./Arena/Pool	Electric	kWh	259,680	\$ 17,562	Whole Building	385,798	\$ 27,422	385,798	\$ 27,422	
Cummer C.C./Arena/Pool	Gas	m3	33,298	\$ 13,652	Whole Building	22,686	\$ 9,367	22,686	\$ 9,367	
<b>Cummer C.C./Arena/Pool Total</b>				\$ 34,961			\$ 43,696		\$ 43,696	
Dieppe Park AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Dieppe Park AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Dieppe Park AIR	Electric	kWh	124,598	\$ 8,427	Calculated Savings			124,598	\$ 8,427	
Dieppe Park AIR	Gas	m3	2,969	\$ 1,217	Calculated Savings			2,969	\$ 1,217	
<b>Dieppe Park AIR Total</b>				\$ 9,644			\$ -		\$ 9,644	
Don Mills Civitan Arena	Electric	kVa	247	\$ 1,454	Whole Building	513	\$ 3,015	513	\$ 3,015	
Don Mills Civitan Arena	Electric	kW	48	\$ 191	Whole Building	353	\$ 2,162	353	\$ 2,162	
Don Mills Civitan Arena	Electric	kWh	178,635	\$ 12,081	Whole Building	73,544	\$ 5,280	85,092	\$ 6,109	1
Don Mills Civitan Arena	Gas	m3	22,488	\$ 9,220	Whole Building	(700)	\$ 54	-	\$ -	1
<b>Don Mills Civitan Arena Total</b>				\$ 22,946			\$ 10,511		\$ 11,286	
Downsview Arena	Electric	kVa	162	\$ 956	Whole Building	(50)	\$ (295)	-	\$ -	1
Downsview Arena	Electric	kW	71	\$ 283	Whole Building	178	\$ 706	178	\$ 706	
Downsview Arena	Electric	kWh	133,825	\$ 9,051	Whole Building	96,825	\$ 6,793	110,091	\$ 7,724	
Downsview Arena	Gas	m3	12,123	\$ 4,970	Whole Building	25,184	\$ 10,467	25,184	\$ 10,467	
<b>Downsview Arena Total</b>				\$ 15,260			\$ 17,671		\$ 18,897	
Dufferin Grove AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Dufferin Grove AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Dufferin Grove AIR	Electric	kWh	22,908	\$ 1,549	Calculated Savings			22,908	\$ 1,549	
Dufferin Grove AIR	Gas	m3	6,909	\$ 2,833	Calculated Savings			6,909	\$ 2,833	
<b>Dufferin Grove AIR Total</b>				\$ 4,382			\$ -		\$ 4,382	
East York Curling Club	Electric	kVa	131	\$ 774	Whole Building			131	\$ 774	1, BYA 12
East York Curling Club	Electric	kW	24	\$ 97	Whole Building			216	\$ 863	
East York Curling Club	Electric	kWh	102,038	\$ 6,901	Whole Building			102,038	\$ 6,901	1, BYA 12



Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost	
East York Curling Club	Gas	m3	13,839	\$ 5,674	Whole Building	(10,124)	\$ (4,240)	13,839	\$ 5,674	1, BYA 12
<b>East York Curling Club Total</b>				\$ 13,446			\$ (3,377)		\$ 14,211	
East York Memorial Arena	Electric	kVa	259	\$ 1,528	Whole Building	121	\$ 1,036	259	\$ 1,528	BYA 11
East York Memorial Arena	Electric	kW	86	\$ 346	Whole Building	(44)	\$ (174)	86	\$ 346	1, BYA 11
East York Memorial Arena	Electric	kWh	171,133	\$ 11,574	Whole Building	29,478	\$ 2,040	171,133	\$ 11,574	1, BYA 11
East York Memorial Arena	Gas	m3	7,459	\$ 3,058	Calculated Savings			7,459	\$ 3,058	
<b>East York Memorial Arena Total</b>				\$ 16,506			\$ 2,902		\$ 16,506	
Fenside Arena	Electric	kVa	167	\$ 985	Whole Building	604	\$ 3,534	604	\$ 3,534	
Fenside Arena	Electric	kW	24	\$ 95	Whole Building	317	\$ 1,266	317	\$ 1,266	
Fenside Arena	Electric	kWh	112,736	\$ 7,624	Whole Building	(74,460)	\$ (4,994)		\$ -	1
Fenside Arena	Gas	m3	7,521	\$ 3,084	Whole Building	1,268	\$ 986	1,268	\$ 986	
<b>Fenside Arena Total</b>				\$ 11,787			\$ 792		\$ 5,786	
Flemingdon Arena	Electric	kVa	221	\$ 1,305	Calculated Savings			221	\$ 1,305	
Flemingdon Arena	Electric	kW	31	\$ 123	Calculated Savings			31	\$ 123	
Flemingdon Arena	Electric	kWh	29,811	\$ 2,016	Calculated Savings			29,811	\$ 2,016	
Flemingdon Arena	Gas	m3	6,934	\$ 2,843	Whole Building	10,223	\$ 5,081	10,223	\$ 5,081	
<b>Flemingdon Arena Total</b>				\$ 6,287			\$ 5,081		\$ 8,526	
George Bell Arena	Electric	kVa	281	\$ 1,658	Whole Building				\$ -	
George Bell Arena	Electric	kW	59	\$ 235	Whole Building	63	\$ 253	63	\$ 253	
George Bell Arena	Electric	kWh	171,175	\$ 11,577	Whole Building	166,155	\$ 11,342	166,155	\$ 11,342	
George Bell Arena	Gas	m3	5,324	\$ 2,183	Calculated Savings			5,324	\$ 2,183	
<b>George Bell Arena Total</b>				\$ 15,653			\$ 11,594		\$ 13,778	
Giovanni Caboto AIR	Electric	kVa	5	\$ 30	Calculated Savings			5	\$ 30	
Giovanni Caboto AIR	Electric	kW	5	\$ 19	Calculated Savings			5	\$ 19	
Giovanni Caboto AIR	Electric	kWh	38,553	\$ 2,607	Calculated Savings			38,553	\$ 2,607	
Giovanni Caboto AIR	Gas	m3	-	\$ -	Calculated Savings			-	\$ -	
<b>Giovanni Caboto AIR Total</b>				\$ 2,656			\$ -		\$ 2,656	
Glen Long C.C./ODP/Bocce/AIR	Electric	kVa	334	\$ 1,972	Calculated Savings			334	\$ 1,972	
Glen Long C.C./ODP/Bocce/AIR	Electric	kW	156	\$ 625	Calculated Savings			156	\$ 625	
Glen Long C.C./ODP/Bocce/AIR	Electric	kWh	238,980	\$ 16,162	Calculated Savings			238,980	\$ 16,162	
Glen Long C.C./ODP/Bocce/AIR	Gas	m3	22,039	\$ 9,036	Whole Building	1,429	\$ 1,073	1,611	\$ 1,210	1
<b>Glen Long C.C./ODP/Bocce/AIR Total</b>				\$ 27,795			\$ 1,073		\$ 19,970	
Gord & Irene Risk C.C./Arena/ODP/Bocce	Electric	kVa	336	\$ 1,982	Whole Building	763	\$ 4,490	763	\$ 4,490	
Gord & Irene Risk C.C./Arena/ODP/Bocce	Electric	kW	135	\$ 539	Whole Building	937	\$ 3,745	937	\$ 3,745	
Gord & Irene Risk C.C./Arena/ODP/Bocce	Electric	kWh	284,207	\$ 19,221	Whole Building	312,312	\$ 22,526	312,312	\$ 22,526	BYA 16
Gord & Irene Risk C.C./Arena/ODP/Bocce	Gas	m3	12,815	\$ 5,254	Whole Building	(18,057)	\$ (7,390)	12,815	\$ 5,254	1, BYA 16
<b>Gord &amp; Irene Risk C.C./Arena/ODP/Bocce Total</b>				\$ 26,995			\$ 23,372		\$ 36,015	
Goulding Park C.C./Arena/ODP	Electric	kVa	52	\$ 307	Whole Building	301	\$ 1,782	301	\$ 1,782	
Goulding Park C.C./Arena/ODP	Electric	kW	49	\$ 198	Whole Building	72	\$ 285	72	\$ 285	
Goulding Park C.C./Arena/ODP	Electric	kWh	43,873	\$ 2,967	Whole Building	73,810	\$ 5,375	73,810	\$ 5,375	
Goulding Park C.C./Arena/ODP	Gas	m3	6,028	\$ 2,471	Whole Building	18,453	\$ 7,936	18,453	\$ 7,936	
<b>Goulding Park C.C./Arena/ODP Total</b>				\$ 5,943			\$ 15,377		\$ 15,377	
Grandravine C.C./Arena/ODP/Bocce	Electric	kVa	304	\$ 1,796	Calculated Savings			304	\$ 1,796	
Grandravine C.C./Arena/ODP/Bocce	Electric	kW	125	\$ 500	Calculated Savings			125	\$ 500	
Grandravine C.C./Arena/ODP/Bocce	Electric	kWh	80,735	\$ 5,460	Calculated Savings			80,735	\$ 5,460	
Grandravine C.C./Arena/ODP/Bocce	Gas	m3	2,776	\$ 1,138	Calculated Savings			2,776	\$ 1,138	
<b>Grandravine C.C./Arena/ODP/Bocce Total</b>				\$ 8,894			\$ -		\$ 8,894	
Greenwood AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Greenwood AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Greenwood AIR	Electric	kWh	7,740	\$ 523	Calculated Savings			7,740	\$ 523	
Greenwood AIR	Gas	m3	5,971	\$ 2,448	Calculated Savings			5,971	\$ 2,448	
<b>Greenwood AIR Total</b>				\$ 2,972			\$ -		\$ 2,972	
Habitant Arena	Electric	kVa	285	\$ 1,682	Whole Building	238	\$ 1,393	285	\$ 1,682	BYA 5

Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost	
Habitant Arena	Electric	kWh	31	\$ 126	Whole Building	(16)	\$ (62)	31	\$ 126	1, BYA 5
Habitant Arena	Electric	kWh	86,798	\$ 5,870	Whole Building	(34,124)	\$ (2,505)	86,798	\$ 5,870	1, BYA 5
Habitant Arena	Gas	m3	7,255	\$ 2,975	Whole Building	1,106	\$ 453	7,255	\$ 2,975	BYA 5
<b>Habitant Arena Total</b>				\$ 10,652			\$ (720)		\$ 10,652	
Harry R. Gairey AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Harry R. Gairey AIR	Electric	kWh	-	\$ -	Calculated Savings			-	\$ -	
Harry R. Gairey AIR	Electric	kWh	623	\$ 62	Calculated Savings			623	\$ 42	
Harry R. Gairey AIR	Gas	m3	8,688	\$ 3,562	Calculated Savings			8,688	\$ 3,562	
<b>Harry R. Gairey AIR Total</b>				\$ 3,624			\$ -		\$ 3,604	
Herbert H. Carnegie Centennial Centre Arena	Electric	kVa	577	\$ 3,405	Whole Building	493	\$ 2,909	577	\$ 3,405	BYA 7
Herbert H. Carnegie Centennial Centre Arena	Electric	kWh	141	\$ 564	Whole Building	28	\$ 116	141	\$ 564	BYA 7
Herbert H. Carnegie Centennial Centre Arena	Electric	kWh	225,711	\$ 15,265	Whole Building	57,619	\$ 4,201	225,711	\$ 15,265	BYA 7
Herbert H. Carnegie Centennial Centre Arena	Gas	m3	30,492	\$ 12,502	Whole Building	(12,888)	\$ (5,352)	30,492	\$ 12,502	1, BYA 7
<b>Herbert H. Carnegie Centennial Centre Arena Total</b>				\$ 31,736			\$ 1,874		\$ 31,736	
Heron Park C.C./Arena/ODP	Electric	kVa	328	\$ 1,936	Whole Building	315	\$ 1,859	315	\$ 1,859	
Heron Park C.C./Arena/ODP	Electric	kWh	126	\$ 505	Whole Building	20	\$ 84	55	\$ 235	1
Heron Park C.C./Arena/ODP	Electric	kWh	293,973	\$ 19,881	Whole Building	358,339	\$ 25,272	358,339	\$ 25,272	
Heron Park C.C./Arena/ODP	Gas	m3	23,246	\$ 9,531	Whole Building	42,755	\$ 17,650	43,750	\$ 18,061	1
<b>Heron Park C.C./Arena/ODP Total</b>				\$ 31,853			\$ 44,865		\$ 45,427	
High Park AIR (#4 & #5)	Electric	kVa	0	\$ 0	Calculated Savings			0	\$ 0	
High Park AIR (#4 & #5)	Electric	kWh	0	\$ 0	Calculated Savings			0	\$ 0	
High Park AIR (#4 & #5)	Electric	kWh	13,208	\$ 893	Calculated Savings			13,208	\$ 893	
High Park AIR (#4 & #5)	Gas	m3	20,301	\$ 8,323	Calculated Savings			20,301	\$ 8,323	
<b>High Park AIR (#4 &amp; #5) Total</b>				\$ 9,219			\$ -		\$ 9,219	
Hodgson AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Hodgson AIR	Electric	kWh	-	\$ -	Calculated Savings			-	\$ -	
Hodgson AIR	Electric	kWh	51,139	\$ 5,054	Calculated Savings			51,139	\$ 3,459	
Hodgson AIR	Gas	m3	3,105	\$ 1,273	Calculated Savings			3,105	\$ 1,273	
<b>Hodgson AIR Total</b>				\$ 6,327			\$ -		\$ 4,731	
Humber Valley AIR	Electric	kVa	3	\$ 20	Calculated Savings			3	\$ 20	
Humber Valley AIR	Electric	kWh	3	\$ 13	Calculated Savings			3	\$ 13	
Humber Valley AIR	Electric	kWh	23,603	\$ 1,596	Calculated Savings			23,603	\$ 1,596	
Humber Valley AIR	Gas	m3	1,576	\$ 646	Calculated Savings			1,576	\$ 646	
<b>Humber Valley AIR Total</b>				\$ 2,275			\$ -		\$ 2,275	
Irving W. Chapley C.C./AIR	Electric	kVa	1	\$ 7	Calculated Savings			1	\$ 7	
Irving W. Chapley C.C./AIR	Electric	kWh	1	\$ 4	Calculated Savings			1	\$ 4	
Irving W. Chapley C.C./AIR	Electric	kWh	51,785	\$ 3,502	Calculated Savings			51,785	\$ 3,502	
Irving W. Chapley C.C./AIR	Gas	m3	4,198	\$ 1,721	Whole Building			-	\$ -	
<b>Irving W. Chapley C.C./AIR Total</b>				\$ 5,235			\$ -		\$ 3,514	
Jimmie Simpson AIR	Electric	kVa	234	\$ 1,382	Calculated Savings			234	\$ 937	
Jimmie Simpson AIR	Electric	kWh	(2)	\$ (6)	Calculated Savings			(2)	\$ (188)	
Jimmie Simpson AIR	Electric	kWh	52,314	\$ 3,538	Calculated Savings			52,314	\$ 3,538	
Jimmie Simpson AIR	Gas	m3	48,815	\$ 20,014	Calculated Savings			48,815	\$ 20,014	
<b>Jimmie Simpson AIR Total</b>				\$ 24,928			\$ -		\$ 24,301	
John Booth Mem. Arena/Bocce	Electric	kVa	169	\$ 997	Whole Building	64	\$ 390	169	\$ 997	1, BYA 6
John Booth Mem. Arena/Bocce	Electric	kWh	39	\$ 154	Whole Building	23	\$ 95	39	\$ 154	1, BYA 6
John Booth Mem. Arena/Bocce	Electric	kWh	94,354	\$ 6,381	Whole Building	49,178	\$ 3,542	94,354	\$ 6,381	BYA 6
John Booth Mem. Arena/Bocce	Gas	m3	9,081	\$ 3,723	Whole Building	11,521	\$ 4,783	12,196	\$ 5,063	1
<b>John Booth Mem. Arena/Bocce Total</b>				\$ 11,256			\$ 8,810		\$ 12,595	
Kew Gardens AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Kew Gardens AIR	Electric	kWh	-	\$ -	Calculated Savings			-	\$ -	
Kew Gardens AIR	Electric	kWh	22,825	\$ 1,544	Calculated Savings			22,825	\$ 1,544	
Kew Gardens AIR	Gas	m3	1,825	\$ 748	Calculated Savings			1,825	\$ 748	

Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost	
<b>Kew Gardens AIR Total</b>			\$	2,292		\$	-	\$	2,292	
Lambton Kingsway AIR	Electric	kVa	2	10	Calculated Savings			2	10	
Lambton Kingsway AIR	Electric	kWh	2	6	Calculated Savings			2	6	
Lambton Kingsway AIR	Electric	kWh	31,531	2,132	Calculated Savings			31,531	2,132	
Lambton Kingsway AIR	Gas	m3	-	-	Calculated Savings			-	-	
<b>Lambton Kingsway AIR Total</b>			\$	2,149		\$	-	\$	2,149	
Lambton Park Arena	Electric	kVa	313	1,847	Whole Building	516	3,033	516	3,033	
Lambton Park Arena	Electric	kWh	99	396	Whole Building	285	1,142	285	1,142	
Lambton Park Arena	Electric	kWh	145,479	9,839	Whole Building	78,096	5,003	105,380	6,751	1
Lambton Park Arena	Gas	m3	7,085	2,905	Calculated Savings			7,085	2,905	
<b>Lambton Park Arena Total</b>			\$	14,986		\$	9,178	\$	13,831	
Leaside Curling Club	Electric	kVa	-	-	Whole Building			-	-	
Leaside Curling Club	Electric	kWh	-	-	Whole Building			-	-	
Leaside Curling Club	Electric	kWh	111,699	11,039	Whole Building	55,939	5,500	55,939	5,500	
Leaside Curling Club	Gas	m3	10,057	4,123	Whole Building			-	-	
<b>Leaside Curling Club Total</b>			\$	15,163		\$	5,500	\$	5,500	
Leadbury C.C./ODP/AIR	Electric	kVa	2	10	Calculated Savings			2	10	
Leadbury C.C./ODP/AIR	Electric	kWh	2	6	Calculated Savings			2	6	
Leadbury C.C./ODP/AIR	Electric	kWh	5,101	345	Calculated Savings			5,101	345	
Leadbury C.C./ODP/AIR	Gas	m3	3,805	1,560	Whole Building	3,225	1,419	3,225	1,419	
<b>Leadbury C.C./ODP/AIR Total</b>			\$	1,921		\$	1,419	\$	1,780	
Long Branch Arena	Electric	kVa	263	1,554	Whole Building	237	1,398	296	1,746	1
Long Branch Arena	Electric	kWh	29	115	Whole Building	441	1,779	441	1,779	
Long Branch Arena	Electric	kWh	77,627	5,250	Whole Building	35,212	2,687	90,094	6,876	1
Long Branch Arena	Gas	m3	9,724	3,987	Whole Building	7,541	3,819	7,541	3,819	
<b>Long Branch Arena Total</b>			\$	10,906		\$	9,684	\$	14,220	
Malvern C.R.C./Arena	Electric	kVa	659	3,886	Whole Building	498	2,932	659	3,886	BYA 4
Malvern C.R.C./Arena	Electric	kWh	107	428	Whole Building	(164)	(660)	107	428	1, BYA 4
Malvern C.R.C./Arena	Electric	kWh	363,591	24,590	Whole Building	(82,013)	(6,005)	363,591	24,590	1, BYA 4
Malvern C.R.C./Arena	Gas	m3	48,255	19,784	Whole Building	22,005	9,819	48,255	19,784	BYA 4
<b>Malvern C.R.C./Arena Total</b>			\$	48,688		\$	6,086	\$	48,688	
Martingrove AIR	Electric	kVa	9	55	Calculated Savings			9	55	
Martingrove AIR	Electric	kWh	9	35	Calculated Savings			9	35	
Martingrove AIR	Electric	kWh	20,767	1,404	Calculated Savings			20,767	1,404	
Martingrove AIR	Gas	m3	4,171	1,710	Calculated Savings			4,171	1,710	
<b>Martingrove AIR Total</b>			\$	3,205		\$	-	\$	3,205	
McGregor C.C./Arena	Electric	kVa	429	2,528	Whole Building	395	2,336	429	2,528	BYA 13
McGregor C.C./Arena	Electric	kWh	59	236	Whole Building	(105)	(419)	59	236	1, BYA 13
McGregor C.C./Arena	Electric	kWh	253,011	17,111	Whole Building	226,885	16,213	253,011	17,111	BYA 13
McGregor C.C./Arena	Gas	m3	20,733	8,501	Whole Building	16,194	6,695	16,322	6,747	
<b>McGregor C.C./Arena Total</b>			\$	28,376		\$	24,825	\$	26,623	
Mid Scarborough C.C./Arena	Electric	kVa	704	4,153	Whole Building	1,078	6,360	1,078	6,360	
Mid Scarborough C.C./Arena	Electric	kWh	217	866	Whole Building	426	1,705	426	1,705	
Mid Scarborough C.C./Arena	Electric	kWh	363,126	24,558	Whole Building	549,412	39,147	549,412	39,147	
Mid Scarborough C.C./Arena	Gas	m3	43,005	17,632	Whole Building	3,812	1,815	3,812	1,815	1
<b>Mid Scarborough C.C./Arena Total</b>			\$	47,210		\$	49,027	\$	49,027	
Mimico Arena	Electric	kVa	125	737	Calculated Savings			125	737	
Mimico Arena	Electric	kWh	42	166	Calculated Savings			42	166	
Mimico Arena	Electric	kWh	75,345	5,096	Calculated Savings			75,345	5,096	
Mimico Arena	Gas	m3	7,967	3,267	Whole Building	9,183	4,141	9,183	4,141	
<b>Mimico Arena Total</b>			\$	9,265		\$	4,141	\$	10,139	
Mitchell Field C.C./Arena	Electric	kVa	342	2,020	Whole Building	500	2,950	567	3,345	BYA 15
Mitchell Field C.C./Arena	Electric	kWh	82	328	Whole Building	233	935	233	935	1, BYA 15

Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost	
Mitchell Field C.C./Arena	Electric	kWh	182,505	\$ 12,343	Whole Building	88,832	\$ 6,440	182,505	\$ 12,343	1, BYA 15
Mitchell Field C.C./Arena	Gas	m3	1,619	\$ 664	Calculated Savings			1,619	\$ 664	
<b>Mitchell Field C.C./Arena Total</b>				\$ 15,354					\$ 17,286	
Monarch Park AIR	Electric	kVa	-	\$ -	Calculated Savings				\$ -	
Monarch Park AIR	Electric	kW	-	\$ -	Calculated Savings				\$ -	
Monarch Park AIR	Electric	kWh	80,335	\$ 7,939	Calculated Savings			80,335	\$ 5,433	
Monarch Park AIR	Gas	m3	-	\$ -	Calculated Savings				\$ -	
<b>Monarch Park AIR Total</b>				\$ 7,939					\$ 5,433	
Oriole C.R.C./Arena/ODP	Electric	kVa	553	\$ 3,265	Whole Building	716	\$ 4,219	716	\$ 4,219	
Oriole C.R.C./Arena/ODP	Electric	kW	116	\$ 485	Whole Building	198	\$ 785	198	\$ 785	
Oriole C.R.C./Arena/ODP	Electric	kWh	414,135	\$ 28,008	Whole Building	273,221	\$ 19,516	273,221	\$ 19,516	
Oriole C.R.C./Arena/ODP	Gas	m3	23,887	\$ 9,794	Whole Building	61	\$ (56)	(585)	\$ 535	1
<b>Oriole C.R.C./Arena/ODP Total</b>				\$ 41,532					\$ 25,054	
Otter Creek AIR	Electric	kVa	-	\$ -	Whole Building				\$ -	
Otter Creek AIR	Electric	kW	-	\$ -	Whole Building				\$ -	
Otter Creek AIR	Electric	kWh	60,263	\$ 4,076	Whole Building	149,878	\$ 14,812	155,329	\$ 15,351	1
Otter Creek AIR	Gas	m3	-	\$ -	Calculated Savings				\$ -	
<b>Otter Creek AIR Total</b>				\$ 4,076					\$ 15,351	
Park Lawn (Bubble) AIR	Electric	kVa	115	\$ 678	Calculated Savings			115	\$ 678	
Park Lawn (Bubble) AIR	Electric	kW	12	\$ 50	Calculated Savings			12	\$ 50	
Park Lawn (Bubble) AIR	Electric	kWh	49,227	\$ 3,329	Calculated Savings			49,227	\$ 3,329	
Park Lawn (Bubble) AIR	Gas	m3	10,701	\$ 4,387	Calculated Savings			10,701	\$ 4,387	
<b>Park Lawn (Bubble) AIR Total</b>				\$ 8,445					\$ 8,445	
Phil White Arena	Electric	kVa	257	\$ 1,514	Whole Building	380	\$ 2,248	380	\$ 2,248	
Phil White Arena	Electric	kW	70	\$ 281	Whole Building	370	\$ 1,472	370	\$ 1,472	
Phil White Arena	Electric	kWh	109,462	\$ 7,403	Whole Building	168,288	\$ 15,257	168,288	\$ 15,257	
Phil White Arena	Gas	m3	1,355	\$ 556	Whole Building	1,936	\$ 766	2,548	\$ 1,008	1
<b>Phil White Arena Total</b>				\$ 9,754					\$ 19,985	
Pine Point Arena	Electric	kVa	254	\$ 1,497	Whole Building	689	\$ 4,053	689	\$ 4,053	
Pine Point Arena	Electric	kW	33	\$ 131	Whole Building	423	\$ 1,693	423	\$ 1,693	
Pine Point Arena	Electric	kWh	141,323	\$ 9,558	Whole Building	35,807	\$ 2,072	35,807	\$ 2,072	
Pine Point Arena	Gas	m3	1,673	\$ 686	Whole Building	(4,335)	\$ (1,571)		\$ -	1
<b>Pine Point Arena Total</b>				\$ 11,871					\$ 7,818	
Pleasantview C.C. & Arena/ODP/Bocce	Electric	kVa	199	\$ 1,173	Whole Building	239	\$ 1,417	253	\$ 1,499	1, BYA 2
Pleasantview C.C. & Arena/ODP/Bocce	Electric	kW	103	\$ 412	Whole Building	207	\$ 828	207	\$ 828	1, BYA 2
Pleasantview C.C. & Arena/ODP/Bocce	Electric	kWh	179,569	\$ 12,144	Whole Building	146,449	\$ 9,935	179,569	\$ 12,144	BYA 2
Pleasantview C.C. & Arena/ODP/Bocce	Gas	m3	46,715	\$ 19,153	Whole Building	28,794	\$ 12,301	46,715	\$ 19,153	BYA 2
<b>Pleasantview C.C. &amp; Arena/ODP/Bocce Total</b>				\$ 32,882					\$ 33,625	
Prince of Wales AIR	Electric	kVa	-	\$ -	Calculated Savings				\$ -	
Prince of Wales AIR	Electric	kW	-	\$ -	Calculated Savings				\$ -	
Prince of Wales AIR	Electric	kWh	26,728	\$ 2,642	Calculated Savings			26,728	\$ 2,642	
Prince of Wales AIR	Gas	m3	326	\$ 134	Calculated Savings			326	\$ 134	
<b>Prince of Wales AIR Total</b>				\$ 2,775					\$ 2,775	
Queensway AIR	Electric	kVa	-	\$ -	Calculated Savings				\$ -	
Queensway AIR	Electric	kW	-	\$ -	Calculated Savings				\$ -	
Queensway AIR	Electric	kWh	14,964	\$ 1,479	Calculated Savings			14,964	\$ 1,479	
Queensway AIR	Gas	m3	1,091	\$ 447	Calculated Savings			1,091	\$ 447	
<b>Queensway AIR Total</b>				\$ 1,926					\$ 1,926	
Ramsden AIR	Electric	kVa	-	\$ -	Calculated Savings				\$ -	
Ramsden AIR	Electric	kW	-	\$ -	Calculated Savings				\$ -	
Ramsden AIR	Electric	kWh	22,004	\$ 1,488	Calculated Savings			22,004	\$ 1,488	
Ramsden AIR	Gas	m3	2,476	\$ 1,015	Calculated Savings			2,476	\$ 1,015	
<b>Ramsden AIR Total</b>				\$ 2,503					\$ 2,503	

Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost	
Regent Park North AIR	Electric	kVa	-	\$ -	Calculated Savings	-	-	-	\$ -	
Regent Park North AIR	Electric	kW	-	\$ -	Calculated Savings	-	-	-	\$ -	
Regent Park North AIR	Electric	kWh	60,211	\$ 4,072	Calculated Savings	60,211	\$ 4,072	60,211	\$ 4,072	
Regent Park North AIR	Gas	m3	-	\$ -	Calculated Savings	-	-	-	\$ -	
<b>Regent Park North AIR Total</b>				\$ 4,072			\$ -		\$ 4,072	
Regent Park South AIR	Electric	kVa	-	\$ -	Calculated Savings	-	-	-	\$ -	
Regent Park South AIR	Electric	kW	-	\$ -	Calculated Savings	-	-	-	\$ -	
Regent Park South AIR	Electric	kWh	58,634	\$ 3,965	Calculated Savings	58,634	\$ 3,965	58,634	\$ 3,965	
Regent Park South AIR	Gas	m3	-	\$ -	Calculated Savings	-	-	-	\$ -	
<b>Regent Park South AIR Total</b>				\$ 3,965			\$ -		\$ 3,965	
Rennie Park AIR	Electric	kVa	6	\$ 35	Calculated Savings	6	\$ 35	6	\$ 35	
Rennie Park AIR	Electric	kW	6	\$ 23	Calculated Savings	6	\$ 23	6	\$ 23	
Rennie Park AIR	Electric	kWh	58,352	\$ 3,946	Calculated Savings	58,352	\$ 3,946	58,352	\$ 3,946	
Rennie Park AIR	Gas	m3	-	\$ -	Calculated Savings	-	-	-	\$ -	
<b>Rennie Park AIR Total</b>				\$ 4,004			\$ -		\$ 4,004	
Rivercrest AIR	Electric	kVa	1	\$ 7	Calculated Savings	1	\$ 7	1	\$ 7	
Rivercrest AIR	Electric	kW	1	\$ 4	Calculated Savings	1	\$ 4	1	\$ 4	
Rivercrest AIR	Electric	kWh	23,784	\$ 1,608	Calculated Savings	23,784	\$ 1,608	23,784	\$ 1,608	
Rivercrest AIR	Gas	m3	-	\$ -	Calculated Savings	-	-	-	\$ -	
<b>Rivercrest AIR Total</b>				\$ 1,619			\$ -		\$ 1,619	
Riverdale Park AIR	Electric	kVa	-	\$ -	Calculated Savings	-	-	-	\$ -	
Riverdale Park AIR	Electric	kW	-	\$ -	Calculated Savings	-	-	-	\$ -	
Riverdale Park AIR	Electric	kWh	-	\$ -	Calculated Savings	-	-	-	\$ -	
Riverdale Park AIR	Gas	m3	8,239	\$ 3,378	Calculated Savings	8,239	\$ 3,378	8,239	\$ 3,378	
<b>Riverdale Park AIR Total</b>				\$ 3,378			\$ -		\$ 3,378	
Roding C.C./Arena/ODP	Electric	kVa	174	\$ 1,028	Whole Building	532	\$ 3,127	532	\$ 3,127	
Roding C.C./Arena/ODP	Electric	kW	50	\$ 200	Whole Building	389	\$ 1,557	389	\$ 1,557	
Roding C.C./Arena/ODP	Electric	kWh	101,845	\$ 6,888	Whole Building	259,862	\$ 18,673	259,862	\$ 18,673	
Roding C.C./Arena/ODP	Gas	m3	(628)	\$ (258)	Calculated Savings	(628)	\$ (258)	(628)	\$ (258)	
<b>Roding C.C./Arena/ODP Total</b>				\$ 7,859			\$ 23,357		\$ 23,099	
Rosedale Park AIR	Electric	kVa	-	\$ -	Calculated Savings	-	-	-	\$ -	
Rosedale Park AIR	Electric	kW	-	\$ -	Calculated Savings	-	-	-	\$ -	
Rosedale Park AIR	Electric	kWh	16,555	\$ 1,120	Calculated Savings	16,555	\$ 1,120	16,555	\$ 1,120	
Rosedale Park AIR	Gas	m3	-	\$ -	Calculated Savings	-	-	-	\$ -	
<b>Rosedale Park AIR Total</b>				\$ 1,120			\$ -		\$ 1,120	
Royalcrest AIR	Electric	kVa	3	\$ 16	Calculated Savings	3	\$ 16	3	\$ 16	
Royalcrest AIR	Electric	kW	3	\$ 10	Calculated Savings	3	\$ 10	3	\$ 10	
Royalcrest AIR	Electric	kWh	40,174	\$ 2,717	Calculated Savings	40,174	\$ 2,717	40,174	\$ 2,717	
Royalcrest AIR	Gas	m3	-	\$ -	Calculated Savings	-	-	-	\$ -	
<b>Royalcrest AIR Total</b>				\$ 2,743			\$ -		\$ 2,743	
Ryerson AIR	Electric	kVa	-	\$ -	Calculated Savings	-	-	-	\$ -	
Ryerson AIR	Electric	kW	-	\$ -	Calculated Savings	-	-	-	\$ -	
Ryerson AIR	Electric	kWh	12,989	\$ 1,284	Calculated Savings	12,989	\$ 1,284	12,989	\$ 1,284	
Ryerson AIR	Gas	m3	-	\$ -	Calculated Savings	-	-	-	\$ -	
<b>Ryerson AIR Total</b>				\$ 1,284			\$ -		\$ 1,284	
Scarborough Gardens Arena	Electric	kVa	328	\$ 1,935	Whole Building	172	\$ 1,021	328	\$ 1,935	BYA 8
Scarborough Gardens Arena	Electric	kW	46	\$ 186	Whole Building	(19)	\$ (72)	46	\$ 186	1, BYA 8
Scarborough Gardens Arena	Electric	kWh	166,026	\$ 11,228	Whole Building	157,687	\$ 11,402	177,244	\$ 12,816	BYA 8
Scarborough Gardens Arena	Gas	m3	15,859	\$ 6,502	Whole Building	7,423	\$ 2,996	15,859	\$ 6,502	BYA 8
<b>Scarborough Gardens Arena Total</b>				\$ 19,851			\$ 15,348		\$ 21,439	
Scarborough Village C.C./Arena	Electric	kVa	580	\$ 3,423	Whole Building	770	\$ 4,543	770	\$ 4,543	
Scarborough Village C.C./Arena	Electric	kW	138	\$ 550	Whole Building	248	\$ 996	248	\$ 996	
Scarborough Village C.C./Arena	Electric	kWh	254,840	\$ 17,235	Whole Building	393,899	\$ 28,285	393,899	\$ 28,285	

Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost	
Scarborough Village C.C./Arena	Gas	m3	21,204	\$ 8,694	Whole Building	(1,994)	\$ (448)	-	\$ -	1
<b>Scarborough Village C.C./Arena Total</b>				\$ 29,901			\$ 33,376		\$ 33,823	
Sir Adam Beck AIR	Electric	kVa	5	\$ 29	Calculated Savings			5	\$ 29	
Sir Adam Beck AIR	Electric	kW	5	\$ 19	Calculated Savings			5	\$ 19	
Sir Adam Beck AIR	Electric	kWh	12,749	\$ 862	Calculated Savings			12,749	\$ 862	
Sir Adam Beck AIR	Gas	m3	2,056	\$ 843	Calculated Savings			2,056	\$ 843	
<b>Sir Adam Beck AIR Total</b>				\$ 1,754			\$ -		\$ 1,754	
Summerlea AIR	Electric	kVa	4	\$ 22	Calculated Savings			4	\$ 22	
Summerlea AIR	Electric	kW	3	\$ 14	Calculated Savings			3	\$ 14	
Summerlea AIR	Electric	kWh	27,684	\$ 1,872	Calculated Savings			27,684	\$ 1,872	
Summerlea AIR	Gas	m3	-	\$ -	Calculated Savings			-	\$ -	
<b>Summerlea AIR Total</b>				\$ 1,908			\$ -		\$ 1,908	
Sunnydale Acres AIR	Electric	kVa	8	\$ 46	Calculated Savings			8	\$ 46	
Sunnydale Acres AIR	Electric	kW	7	\$ 30	Calculated Savings			7	\$ 30	
Sunnydale Acres AIR	Electric	kWh	24,635	\$ 1,666	Calculated Savings			24,635	\$ 1,666	
Sunnydale Acres AIR	Gas	m3	4,417	\$ 1,811	Calculated Savings			4,417	\$ 1,811	
<b>Sunnydale Acres AIR Total</b>				\$ 3,553			\$ -		\$ 3,553	
Tam Heather Curling Club	Electric	kVa	256	\$ 1,508	Whole Building	241	\$ 1,428	256	\$ 1,508	BYA 9
Tam Heather Curling Club	Electric	kW	78	\$ 314	Whole Building	9	\$ 35	78	\$ 314	1, BYA 9
Tam Heather Curling Club	Electric	kWh	140,151	\$ 9,478	Whole Building	96,290	\$ 7,292	140,151	\$ 9,478	BYA 9
Tam Heather Curling Club	Gas	m3	3,432	\$ 1,407	Calculated Savings			3,432	\$ 1,407	
<b>Tam Heather Curling Club Total</b>				\$ 12,707			\$ 8,755		\$ 12,707	
Ted Reeve Arena	Electric	kVa	243	\$ 1,436	Whole Building	158	\$ 933	158	\$ 933	
Ted Reeve Arena	Electric	kW	46	\$ 182	Whole Building	14	\$ 64	14	\$ 64	
Ted Reeve Arena	Electric	kWh	379,825	\$ 25,688	Whole Building	60,518	\$ 4,269	379,825	\$ 25,688	BYA 10
Ted Reeve Arena	Gas	m3	827	\$ 339	Whole Building	(8,886)	\$ (3,616)	827	\$ 339	1, BYA 10
Ted Reeve Arena	Misc		-	\$ 6,000	Calculated Savings			-	\$ 6,000	3
<b>Ted Reeve Arena Total</b>				\$ 33,645			\$ 1,649		\$ 33,023	
Trinity Belwoods AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Trinity Belwoods AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Trinity Belwoods AIR	Electric	kWh	23,833	\$ 1,612	Calculated Savings			23,833	\$ 1,612	
Trinity Belwoods AIR	Gas	m3	-	\$ -	Calculated Savings			-	\$ -	
<b>Trinity Belwoods AIR Total</b>				\$ 1,612			\$ -		\$ 1,612	
Valleyfield AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Valleyfield AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Valleyfield AIR	Electric	kWh	32,681	\$ 3,230	Calculated Savings			32,681	\$ 3,230	
Valleyfield AIR	Gas	m3	-	\$ -	Calculated Savings			-	\$ -	
<b>Valleyfield AIR Total</b>				\$ 3,230			\$ -		\$ 3,230	
Victoria Village Arena	Electric	kVa	116	\$ 683	Whole Building	602	\$ 3,712	602	\$ 3,712	
Victoria Village Arena	Electric	kW	110	\$ 440	Whole Building	589	\$ 2,460	589	\$ 2,460	
Victoria Village Arena	Electric	kWh	172,323	\$ 11,654	Whole Building	148,126	\$ 11,305	148,126	\$ 11,305	
Victoria Village Arena	Gas	m3	13,685	\$ 5,611	Whole Building			-	\$ -	
<b>Victoria Village Arena Total</b>				\$ 18,388			\$ 17,477		\$ 17,477	
Wallace Emerson AIR	Electric	kVa	373	\$ 2,202	Calculated Savings			373	\$ 1,493	
Wallace Emerson AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Wallace Emerson AIR	Electric	kWh	14,147	\$ 957	Calculated Savings			14,147	\$ 957	
Wallace Emerson AIR	Gas	m3	-	\$ -	Calculated Savings			-	\$ -	
<b>Wallace Emerson AIR Total</b>				\$ 3,158			\$ -		\$ 2,449	
Wedgewood AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Wedgewood AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Wedgewood AIR	Electric	kWh	13,477	\$ 1,332	Calculated Savings			13,477	\$ 1,332	
Wedgewood AIR	Gas	m3	1,455	\$ 597	Calculated Savings			1,455	\$ 597	
<b>Wedgewood AIR Total</b>				\$ 1,928			\$ -		\$ 1,928	

Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost	
West Mall AIR	Electric	kVa	13	\$ 79	Calculated Savings			13	\$ 79	
West Mall AIR	Electric	kW	13	\$ 51	Calculated Savings			13	\$ 51	
West Mall AIR	Electric	kWh	21,957	\$ 1,485	Calculated Savings			21,957	\$ 1,485	
West Mall AIR	Gas	m3	7,609	\$ 3,120	Calculated Savings			7,609	\$ 3,120	
<b>West Mall AIR Total</b>				\$ 4,735				\$ -	\$ 4,735	
Westgrove AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Westgrove AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Westgrove AIR	Electric	kWh	23,747	\$ 2,347	Calculated Savings			23,747	\$ 2,347	
Westgrove AIR	Gas	m3	-	\$ -	Calculated Savings			-	\$ -	
<b>Westgrove AIR Total</b>				\$ 2,347				\$ -	\$ 2,347	
Westway AIR	Electric	kVa	8	\$ 47	Calculated Savings			8	\$ 47	
Westway AIR	Electric	kW	8	\$ 30	Calculated Savings			8	\$ 30	
Westway AIR	Electric	kWh	19,011	\$ 1,286	Calculated Savings			19,011	\$ 1,286	
Westway AIR	Gas	m3	5,503	\$ 2,256	Calculated Savings			5,503	\$ 2,256	
<b>Westway AIR Total</b>				\$ 3,619				\$ -	\$ 3,619	
Withrow Park AIR	Electric	kVa	-	\$ -	Calculated Savings			-	\$ -	
Withrow Park AIR	Electric	kW	-	\$ -	Calculated Savings			-	\$ -	
Withrow Park AIR	Electric	kWh	8,789	\$ 594	Calculated Savings			8,789	\$ 594	
Withrow Park AIR	Gas	m3	3,531	\$ 1,448	Calculated Savings			3,531	\$ 1,448	
<b>Withrow Park AIR Total</b>				\$ 2,042				\$ -	\$ 2,042	
York Mills Arena	Electric	kVa	134	\$ 792	Whole Building		(180)	-	\$ -	
York Mills Arena	Electric	kW	29	\$ 116	Whole Building		(228)	-	\$ -	1
York Mills Arena	Electric	kWh	55,750	\$ 3,770	Whole Building		170,881	170,881	\$ 11,822	
York Mills Arena	Gas	m3	5,219	\$ 2,140	Whole Building		8,952	8,952	\$ 3,994	
<b>York Mills Arena Total</b>				\$ 6,818			\$ 13,849	\$ -	\$ 15,816	

Totals Utility	Units	Annual Estimated Savings		Q4 Metered Savings		Q4 Actual Savings	
		Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	14,843	\$ 87,575	14,504	\$ 85,987	19,215	\$ 112,302
kW Demand	kW	3,757	\$ 15,028	5,964	\$ 24,368	9,074	\$ 37,019
Electricity	kWh	9,845,840	\$ 685,768	6,457,253	\$ 468,716	10,498,157	\$ 749,787
Gas	m3	1,070,945	\$ 439,087	331,041	\$ 143,248	894,595	\$ 372,910
Misc Ted Reeve DHW			\$ 6,000				\$ 6,000
Misc Energy Awareness			\$ 29,994				\$ -
<b>Total</b>			\$ 1,263,452		\$ 722,319		\$ 1,278,019

Notes: 1 - Negative saving has been zeroed. The cause of the increase is being investigated. Neither credit or penalty is currently being carried for meter.  
2 - Energy savings for meter have been calculated and agreed to with City. The Rate needs to be verified. The minimum rate has been applied.  
3 - \$6000 per year savings on DHW rental agreement. This savings is being carried for building.  
BYA# - Baseyear adjustment # to account for material change within the facility. Target savings have been used until further investigation.

**Appendix B: East District Energy Savings to Q4  
(July 2007 to June 2008) Sorted Alphabetically By  
Building By Utility**

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**Appendix B: Savings Summary By Utility for East District**

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
East	East	Agincourt R.C./Arena/Pool	31 Glen Watford Dr.	Electric	kVa	1,071	\$ 6,316	1,038	\$ 6,107
East	East	Agincourt R.C./Arena/Pool	31 Glen Watford Dr.	Electric	KW	364	\$ 1,457	591	\$ 2,372
East	East	Agincourt R.C./Arena/Pool	31 Glen Watford Dr.	Electric	KWh	446,474	\$ 30,195	748,938	\$ 52,987
East	East	Agincourt R.C./Arena/Pool	31 Glen Watford Dr.	Gas	m3	68,411	\$ 28,048	15,687	\$ 6,813
		<b>Agincourt R.C./Arena/Pool Total</b>					\$ 66,016		\$ 68,278
East	South	Barbara Ann Scott AIR	444 Yonge St.	Electric	kVa	-	\$ -	-	\$ -
East	South	Barbara Ann Scott AIR	444 Yonge St.	Electric	KW	-	\$ -	-	\$ -
East	South	Barbara Ann Scott AIR	444 Yonge St.	Electric	KWh	22,267	\$ 1,506	22,267	\$ 1,506
East	South	Barbara Ann Scott AIR	444 Yonge St.	Gas	m3	-	\$ -	-	\$ -
		<b>Barbara Ann Scott AIR Total</b>					\$ 1,506		\$ 1,506
East	North	Bayview Arena	3230 Bayview Ave.	Electric	kVa	181	\$ 1,066	244	\$ 1,451
East	North	Bayview Arena	3230 Bayview Ave.	Electric	KW	36	\$ 145	61	\$ 255
East	North	Bayview Arena	3230 Bayview Ave.	Electric	KWh	134,368	\$ 9,087	52,722	\$ 3,723
East	North	Bayview Arena	3230 Bayview Ave.	Gas	m3	13,168	\$ 5,399	8,091	\$ 3,499
		<b>Bayview Arena Total</b>					\$ 15,697		\$ 8,928
East	North	Broadlands Park C.R.C./ODP/AIR	19 Castlegrove Blvd.	Electric	kVa	19	\$ 111	19	\$ 111
East	North	Broadlands Park C.R.C./ODP/AIR	19 Castlegrove Blvd.	Electric	KW	18	\$ 72	18	\$ 72
East	North	Broadlands Park C.R.C./ODP/AIR	19 Castlegrove Blvd.	Electric	KWh	20,854	\$ 1,410	20,854	\$ 1,410
East	North	Broadlands Park C.R.C./ODP/AIR	19 Castlegrove Blvd.	Gas	m3	2,980	\$ 1,222	2,980	\$ 1,222
		<b>Broadlands Park C.R.C./ODP/AIR Total</b>					\$ 2,815		\$ 2,815
East	East	Centennial R.C./Pool & Ice Galaxy	31 Glen Watford Dr.	Electric	kVa	595	\$ 3,513	595	\$ 3,513
East	East	Centennial R.C./Pool & Ice Galaxy	31 Glen Watford Dr.	Electric	KW	151	\$ 602	151	\$ 602
East	East	Centennial R.C./Pool & Ice Galaxy	31 Glen Watford Dr.	Electric	KWh	487,983	\$ 33,002	487,983	\$ 33,002
East	East	Centennial R.C./Pool & Ice Galaxy	31 Glen Watford Dr.	Gas	m3	141,854	\$ 58,160	141,854	\$ 58,160
		<b>Centennial R.C./Pool &amp; Ice Galaxy Total</b>					\$ 95,277		\$ 95,277
East	East	Commander Park C.C. & Arena	140 Commander Blvd.	Electric	kVa	343	\$ 2,022	-	\$ -
East	East	Commander Park C.C. & Arena	140 Commander Blvd.	Electric	KW	130	\$ 520	-	\$ -
East	East	Commander Park C.C. & Arena	140 Commander Blvd.	Electric	KWh	381,735	\$ 25,817	363,587	\$ 25,452
East	East	Commander Park C.C. & Arena	140 Commander Blvd.	Gas	m3	28,562	\$ 11,710	43,378	\$ 18,112
		<b>Commander Park C.C. &amp; Arena Total</b>					\$ 40,069		\$ 43,564
East	North	Cummer C.C./Arena/Pool	6000 Leslie Street	Electric	kVa	572	\$ 3,377	944	\$ 5,570
East	North	Cummer C.C./Arena/Pool	6000 Leslie Street	Electric	KW	92	\$ 370	336	\$ 1,338
East	North	Cummer C.C./Arena/Pool	6000 Leslie Street	Electric	KWh	259,680	\$ 17,562	385,798	\$ 27,422
East	North	Cummer C.C./Arena/Pool	6000 Leslie Street	Gas	m3	33,298	\$ 13,652	22,686	\$ 9,367
		<b>Cummer C.C./Arena/Pool Total</b>					\$ 34,961		\$ 43,696
East	South	Dieppe Park AIR	455 Cosburn Ave.	Electric	kVa	-	\$ -	-	\$ -
East	South	Dieppe Park AIR	455 Cosburn Ave.	Electric	KW	-	\$ -	-	\$ -
East	South	Dieppe Park AIR	455 Cosburn Ave.	Electric	KWh	124,598	\$ 8,427	124,598	\$ 8,427

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
East	South	Dieppe Park AIR	455 Cosburn Ave.	Gas	m3	2,969	\$ 1,217	2,969	\$ 1,217
		<b>Dieppe Park AIR Total</b>					\$ 9,644		\$ 9,644
East	North	Don Mills Civitan Arena	1030 Don Mills Rd.	Electric	kVa	247	\$ 1,454	513	\$ 3,015
East	North	Don Mills Civitan Arena	1030 Don Mills Rd.	Electric	kWh	48	\$ 191	353	\$ 2,162
East	North	Don Mills Civitan Arena	1030 Don Mills Rd.	Electric	kWh	178,635	\$ 12,081	85,092	\$ 6,109
East	North	Don Mills Civitan Arena	1030 Don Mills Rd.	Gas	m3	22,488	\$ 9,220	-	\$ -
		<b>Don Mills Civitan Arena Total</b>					\$ 22,946		\$ 11,286
East	South	East York Memorial Arena	888 Cosburn Ave.	Electric	kVa	259	\$ 1,528	259	\$ 1,528
East	South	East York Memorial Arena	888 Cosburn Ave.	Electric	kW	86	\$ 346	86	\$ 346
East	South	East York Memorial Arena	888 Cosburn Ave.	Electric	kWh	171,133	\$ 11,574	171,133	\$ 11,574
East	South	East York Memorial Arena	888 Cosburn Ave.	Gas	m3	7,459	\$ 3,058	7,459	\$ 3,058
		<b>East York Memorial Arena Total</b>					\$ 16,506		\$ 16,506
East	North	Fenside Arena	30 Slidell Cres.	Electric	kVa	167	\$ 985	604	\$ 3,534
East	North	Fenside Arena	30 Slidell Cres.	Electric	kW	24	\$ 95	317	\$ 1,266
East	North	Fenside Arena	30 Slidell Cres.	Electric	kWh	112,736	\$ 7,624	-	\$ -
East	North	Fenside Arena	30 Slidell Cres.	Gas	m3	7,521	\$ 3,084	1,268	\$ 986
		<b>Fenside Arena Total</b>					\$ 11,787		\$ 5,786
East	North	Flemingdon Arena	165 Grenoble Dr.	Electric	kVa	221	\$ 1,305	221	\$ 1,305
East	North	Flemingdon Arena	165 Grenoble Dr.	Electric	kW	31	\$ 123	31	\$ 123
East	North	Flemingdon Arena	165 Grenoble Dr.	Electric	kWh	29,811	\$ 2,016	29,811	\$ 2,016
East	North	Flemingdon Arena	165 Grenoble Dr.	Gas	m3	6,934	\$ 2,843	10,223	\$ 5,081
		<b>Flemingdon Arena Total</b>					\$ 6,287		\$ 8,526
East	South	Greenwood AIR	150 Greenwood Ave.	Electric	kVa	-	\$ -	-	\$ -
East	South	Greenwood AIR	150 Greenwood Ave.	Electric	kW	-	\$ -	-	\$ -
East	South	Greenwood AIR	150 Greenwood Ave.	Electric	kWh	7,740	\$ 523	7,740	\$ 523
East	South	Greenwood AIR	150 Greenwood Ave.	Gas	m3	5,971	\$ 2,448	5,971	\$ 2,448
		<b>Greenwood AIR Total</b>					\$ 2,972		\$ 2,972
East	East	Heron Park C.C./Arena/ODP	292 Manse Road	Electric	kVa	328	\$ 1,936	315	\$ 1,859
East	East	Heron Park C.C./Arena/ODP	292 Manse Road	Electric	kW	126	\$ 505	55	\$ 235
East	East	Heron Park C.C./Arena/ODP	292 Manse Road	Electric	kWh	293,973	\$ 19,881	358,339	\$ 25,272
East	East	Heron Park C.C./Arena/ODP	292 Manse Road	Gas	m3	23,246	\$ 9,531	43,750	\$ 18,061
		<b>Heron Park C.C./Arena/ODP Total</b>					\$ 31,853		\$ 45,427
East	South	Hodgson AIR	276 Davisville Ave.	Electric	kVa	-	\$ -	-	\$ -
East	South	Hodgson AIR	276 Davisville Ave.	Electric	kW	-	\$ -	-	\$ -
East	South	Hodgson AIR	276 Davisville Ave.	Electric	kWh	51,139	\$ 5,054	51,139	\$ 3,459
East	South	Hodgson AIR	276 Davisville Ave.	Gas	m3	3,105	\$ 1,273	3,105	\$ 1,273
		<b>Hodgson AIR Total</b>					\$ 6,327		\$ 4,731
East	South	Jimmie Simpson AIR	870 Queen Street East	Electric	kVa	234	\$ 1,382	234	\$ 937
East	South	Jimmie Simpson AIR	870 Queen Street East	Electric	kW	(2)	\$ (6)	(2)	\$ (188)
East	South	Jimmie Simpson AIR	870 Queen Street East	Electric	kWh	52,314	\$ 3,538	52,314	\$ 3,538

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
East	South	Jimmie Simpson AIR	870 Queen Street East	Gas	m3	48,815	\$ 20,014	48,815	\$ 20,014
		<b>Jimmie Simpson AIR Total</b>					\$ 24,928		\$ 24,301
East	South	Kew Gardens AIR	2075 Queen St. East	Electric	kVa	-	-	-	-
East	South	Kew Gardens AIR	2075 Queen St. East	Electric	kW	-	-	-	-
East	South	Kew Gardens AIR	2075 Queen St. East	Electric	kWh	22,825	\$ 1,544	22,825	\$ 1,544
East	South	Kew Gardens AIR	2075 Queen St. East	Gas	m3	1,825	\$ 748	1,825	\$ 748
		<b>Kew Gardens AIR Total</b>					\$ 2,292		\$ 2,292
East	East	Malvern C.R.C./Arena	30 Sewells Road	Electric	kVa	659	\$ 3,886	659	\$ 3,886
East	East	Malvern C.R.C./Arena	30 Sewells Road	Electric	kW	107	\$ 428	107	\$ 428
East	East	Malvern C.R.C./Arena	30 Sewells Road	Electric	kWh	363,591	\$ 24,590	363,591	\$ 24,590
East	East	Malvern C.R.C./Arena	30 Sewells Road	Gas	m3	48,255	\$ 19,784	48,255	\$ 19,784
		<b>Malvern C.R.C./Arena Total</b>					\$ 48,688		\$ 48,688
East	East	McGregor C.C./arena	2231 Lawrence Ave E	Electric	kVa	429	\$ 2,528	429	\$ 2,528
East	East	McGregor C.C./arena	2231 Lawrence Ave E	Electric	kW	59	\$ 236	59	\$ 236
East	East	McGregor C.C./arena	2231 Lawrence Ave E	Electric	kWh	253,011	\$ 17,111	253,011	\$ 17,111
East	East	McGregor C.C./arena	2231 Lawrence Ave E	Gas	m3	20,733	\$ 8,501	16,322	\$ 6,747
		<b>McGregor C.C./arena Total</b>					\$ 28,376		\$ 26,623
East	East	Mid Scarborough C.C./Arena	2467 Eglinton Ave. E.	Electric	kVa	704	\$ 4,153	1,078	\$ 6,360
East	East	Mid Scarborough C.C./Arena	2467 Eglinton Ave. E.	Electric	kW	217	\$ 866	426	\$ 1,705
East	East	Mid Scarborough C.C./Arena	2467 Eglinton Ave. E.	Electric	kWh	363,126	\$ 24,558	549,412	\$ 39,147
East	East	Mid Scarborough C.C./Arena	2467 Eglinton Ave. E.	Gas	m3	43,005	\$ 17,632	3,812	\$ 1,815
		<b>Mid Scarborough C.C./Arena Total</b>					\$ 47,210		\$ 49,027
East	North	Mitchell Field C.C./Arena	89 Church Avenue	Electric	kVa	342	\$ 2,020	567	\$ 3,345
East	North	Mitchell Field C.C./Arena	89 Church Avenue	Electric	kW	82	\$ 328	233	\$ 935
East	North	Mitchell Field C.C./Arena	89 Church Avenue	Electric	kWh	182,505	\$ 12,343	182,505	\$ 12,343
East	North	Mitchell Field C.C./Arena	89 Church Avenue	Gas	m3	1,619	\$ 664	1,619	\$ 664
		<b>Mitchell Field C.C./Arena Total</b>					\$ 15,354		\$ 17,286
East	South	Monarch Park AIR	115 Feilstead Ave.	Electric	kVa	-	-	-	-
East	South	Monarch Park AIR	115 Feilstead Ave.	Electric	kW	-	-	-	-
East	South	Monarch Park AIR	115 Feilstead Ave.	Electric	kWh	80,335	\$ 7,939	80,335	\$ 5,433
East	South	Monarch Park AIR	115 Feilstead Ave.	Gas	m3	-	-	-	-
		<b>Monarch Park AIR Total</b>					\$ 7,939		\$ 5,433
East	North	Oriole C.R.C./Arena/ODP	2975 Don Mills Road	Electric	kVa	553	\$ 3,265	716	\$ 4,219
East	North	Oriole C.R.C./Arena/ODP	2975 Don Mills Road	Electric	kW	116	\$ 465	198	\$ 785
East	North	Oriole C.R.C./Arena/ODP	2975 Don Mills Road	Electric	kWh	414,135	\$ 28,008	273,221	\$ 19,516
East	North	Oriole C.R.C./Arena/ODP	2975 Don Mills Road	Gas	m3	23,887	\$ 9,794	(585)	\$ 535
		<b>Oriole C.R.C./Arena/ODP Total</b>					\$ 41,532		\$ 25,054
East	North	Pleasantview C.C. & Arena/ODP/Bocce	545 Van Home Avenue	Electric	kVa	199	\$ 1,173	253	\$ 1,499
East	North	Pleasantview C.C. & Arena/ODP/Bocce	545 Van Home Avenue	Electric	kW	103	\$ 412	207	\$ 828
East	North	Pleasantview C.C. & Arena/ODP/Bocce	545 Van Home Avenue	Electric	kWh	179,569	\$ 12,144	179,569	\$ 12,144

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
East	North	Pleasantview C.C. & Arena/ODP/Bocce	545 Van Horne Avenue	Gas	m3	46,715	\$ 19,153	46,715	\$ 19,153
		<b>Pleasantview C.C. &amp; Arena/ODP/Bocce Total</b>					\$ 32,882		\$ 33,625
East	South	Ramsden AIR	1020 Yonge St.	Electric	kVa	-	\$ -	-	\$ -
East	South	Ramsden AIR	1020 Yonge St.	Electric	kW	-	\$ -	-	\$ -
East	South	Ramsden AIR	1020 Yonge St.	Electric	kWh	22,004	\$ 1,488	22,004	\$ 1,488
East	South	Ramsden AIR	1020 Yonge St.	Gas	m3	2,476	\$ 1,015	2,476	\$ 1,015
		<b>Ramsden AIR Total</b>					\$ 2,503		\$ 2,503
East	South	Regent Park North AIR	Dundas W (@ River St.)	Electric	kVa	-	\$ -	-	\$ -
East	South	Regent Park North AIR	Dundas W (@ River St.)	Electric	kW	-	\$ -	-	\$ -
East	South	Regent Park North AIR	Dundas W (@ River St.)	Electric	kWh	60,211	\$ 4,072	60,211	\$ 4,072
East	South	Regent Park North AIR	Dundas W (@ River St.)	Gas	m3	-	\$ -	-	\$ -
		<b>Regent Park North AIR Total</b>					\$ 4,072		\$ 4,072
East	South	Regent Park South AIR	(Shuter at Sumach)	Electric	kVa	-	\$ -	-	\$ -
East	South	Regent Park South AIR	(Shuter at Sumach)	Electric	kW	-	\$ -	-	\$ -
East	South	Regent Park South AIR	(Shuter at Sumach)	Electric	kWh	58,634	\$ 3,965	58,634	\$ 3,965
East	South	Regent Park South AIR	(Shuter at Sumach)	Gas	m3	-	\$ -	-	\$ -
		<b>Regent Park South AIR Total</b>					\$ 3,965		\$ 3,965
East	South	Riverdale Park AIR	550 Broadview Ave.	Electric	kVa	-	\$ -	-	\$ -
East	South	Riverdale Park AIR	550 Broadview Ave.	Electric	kW	-	\$ -	-	\$ -
East	South	Riverdale Park AIR	550 Broadview Ave.	Electric	kWh	-	\$ -	-	\$ -
East	South	Riverdale Park AIR	550 Broadview Ave.	Gas	m3	8,239	\$ 3,378	8,239	\$ 3,378
		<b>Riverdale Park AIR Total</b>					\$ 3,378		\$ 3,378
East	South	Rosedale Park AIR	20 Schofield Ave.	Electric	kVa	-	\$ -	-	\$ -
East	South	Rosedale Park AIR	20 Schofield Ave.	Electric	kW	-	\$ -	-	\$ -
East	South	Rosedale Park AIR	20 Schofield Ave.	Electric	kWh	16,555	\$ 1,120	16,555	\$ 1,120
East	South	Rosedale Park AIR	20 Schofield Ave.	Gas	m3	-	\$ -	-	\$ -
		<b>Rosedale Park AIR Total</b>					\$ 1,120		\$ 1,120
East	South	Ryerson AIR	25 Gould St.	Electric	kVa	-	\$ -	-	\$ -
East	South	Ryerson AIR	25 Gould St.	Electric	kW	-	\$ -	-	\$ -
East	South	Ryerson AIR	25 Gould St.	Electric	kWh	12,989	\$ 1,284	12,989	\$ 1,284
East	South	Ryerson AIR	25 Gould St.	Gas	m3	-	\$ -	-	\$ -
		<b>Ryerson AIR Total</b>					\$ 1,284		\$ 1,284
East	East	Scarborough Gardens Arena	75 Birchmount Rd.	Electric	kVa	328	\$ 1,935	328	\$ 1,935
East	East	Scarborough Gardens Arena	75 Birchmount Rd.	Electric	kW	46	\$ 186	46	\$ 186
East	East	Scarborough Gardens Arena	75 Birchmount Rd.	Electric	kWh	166,026	\$ 11,228	177,244	\$ 12,816
East	East	Scarborough Gardens Arena	75 Birchmount Rd.	Gas	m3	15,859	\$ 6,502	15,859	\$ 6,502
		<b>Scarborough Gardens Arena Total</b>					\$ 19,851		\$ 21,439
East	East	Scarborough Village C.C./Arena	3600 Kingston Road	Electric	kVa	580	\$ 3,423	770	\$ 4,543
East	East	Scarborough Village C.C./Arena	3600 Kingston Road	Electric	kW	138	\$ 550	248	\$ 996
East	East	Scarborough Village C.C./Arena	3600 Kingston Road	Electric	kWh	254,840	\$ 17,235	393,899	\$ 28,285

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
East	East	Scarborough Village C.C./Arena	3600 Kingston Road	Gas	m3	21,204	\$ 8,694	-	\$ -
		<b>Scarborough Village C.C./Arena Total</b>					\$ 29,901		\$ 33,823
East	North	Victoria Village Arena	190 Bermondsey Rd.	Electric	kVa	116	\$ 683	602	\$ 3,712
East	North	Victoria Village Arena	190 Bermondsey Rd.	Electric	kWh	110	\$ 440	589	\$ 2,460
East	North	Victoria Village Arena	190 Bermondsey Rd.	Electric	kWh	172,323	\$ 11,654	148,126	\$ 11,305
East	North	Victoria Village Arena	190 Bermondsey Rd.	Gas	m3	13,685	\$ 5,611	-	\$ -
		<b>Victoria Village Arena Total</b>					\$ 18,388		\$ 17,477
East	South	Withrow Park AIR	725 Logan Ave.	Electric	kVa	-	\$ -	-	\$ -
East	South	Withrow Park AIR	725 Logan Ave.	Electric	kW	-	\$ -	-	\$ -
East	South	Withrow Park AIR	725 Logan Ave.	Electric	kWh	8,789	\$ 594	8,789	\$ 594
East	South	Withrow Park AIR	725 Logan Ave.	Gas	m3	3,531	\$ 1,448	3,531	\$ 1,448
		<b>Withrow Park AIR Total</b>					\$ 2,042		\$ 2,042
East	North	York Mills Arena	2539 Bayview Ave.	Electric	kVa	134	\$ 792	-	\$ -
East	North	York Mills Arena	2539 Bayview Ave.	Electric	kW	29	\$ 116	-	\$ -
East	North	York Mills Arena	2539 Bayview Ave.	Electric	kWh	55,750	\$ 3,770	170,881	\$ 11,822
East	North	York Mills Arena	2539 Bayview Ave.	Gas	m3	5,219	\$ 2,140	8,952	\$ 3,994
		<b>York Mills Arena Total</b>					\$ 6,818		\$ 10,838

<b>Totals</b>									
Utility	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings			
kVa Demand	Electric	kVa	8,280	48,852	10,385	60,955			
kW Demand	Electric	kW	2,111	8,446	4,111	17,141			
Electricity	Electric	kWh	5,462,658	373,946	5,936,116	414,999			
Gas	Gas	m3	673,030	275,942	515,255	215,094			
				\$ 707,186		\$ 708,190			

**Appendix C: West District Energy Savings to Q4  
(July 2007 to June 2008) Sorted Alphabetically By  
Building By Utility**

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**Appendix C: Savings Summary By Utility for West District**

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
West	West	Albion Arena	1501 Albion Rd.	Electric	kVa	94	\$ 554	26	\$ 152
West	West	Albion Arena	1501 Albion Rd.	Electric	kW	30	\$ 121	-	\$ -
West	West	Albion Arena	1501 Albion Rd.	Electric	kWh	64,607	\$ 4,369	37,943	\$ 3,499
West	West	Albion Arena	1501 Albion Rd.	Gas	m3	3,832	\$ 1,571	3,832	\$ 1,571
		Albion Arena Total					\$ 6,615		\$ 5,223
West	West	Amesbury Park Sports Complex/Bocce	155 Cullford Rd.	Electric	kVa	118	\$ 695	491	\$ 2,897
West	West	Amesbury Park Sports Complex/Bocce	155 Cullford Rd.	Electric	kW	-	\$ -	326	\$ 1,304
West	West	Amesbury Park Sports Complex/Bocce	155 Cullford Rd.	Electric	kWh	191,684	\$ 18,944	191,684	\$ 18,944
West	West	Amesbury Park Sports Complex/Bocce	155 Cullford Rd.	Gas	m3	26,697	\$ 10,946	26,697	\$ 10,946
		Amesbury Park Sports Complex/Bocce Total					\$ 30,585		\$ 34,090
West	North	Baycrest Arena	160 Neptune Dr.	Electric	kVa	209	\$ 1,230	420	\$ 2,478
West	North	Baycrest Arena	160 Neptune Dr.	Electric	kW	32	\$ 126	91	\$ 373
West	North	Baycrest Arena	160 Neptune Dr.	Electric	kWh	89,184	\$ 6,032	-	\$ -
West	North	Baycrest Arena	160 Neptune Dr.	Gas	m3	5,698	\$ 2,336	5,698	\$ 2,336
		Baycrest Arena Total					\$ 9,724		\$ 5,187
West	West	Buttonwood AIR	30 Mulham Place	Electric	kVa	-	\$ -	-	\$ -
West	West	Buttonwood AIR	30 Mulham Place	Electric	kW	-	\$ -	-	\$ -
West	West	Buttonwood AIR	30 Mulham Place	Electric	kWh	26,474	\$ 2,616	26,474	\$ 2,616
West	West	Buttonwood AIR	30 Mulham Place	Gas	m3	-	\$ -	-	\$ -
		Buttonwood AIR Total					\$ 2,616		\$ 2,616
West	South	Campbell Park AIR	255 Campbell Ave.	Electric	kVa	-	\$ -	-	\$ -
West	South	Campbell Park AIR	255 Campbell Ave.	Electric	kW	-	\$ -	-	\$ -
West	South	Campbell Park AIR	255 Campbell Ave.	Electric	kWh	92,610	\$ 6,263	92,610	\$ 6,263
West	South	Campbell Park AIR	255 Campbell Ave.	Gas	m3	-	\$ -	-	\$ -
		Campbell Park AIR Total					\$ 6,263		\$ 6,263
West	West	Centennial Park Arena	56 Centennial Park Rd.	Electric	kVa	449	\$ 2,649	687	\$ 4,047
West	West	Centennial Park Arena	56 Centennial Park Rd.	Electric	kW	59	\$ 238	-	\$ -
West	West	Centennial Park Arena	56 Centennial Park Rd.	Electric	kWh	103,012	\$ 6,967	279,642	\$ 20,019
West	West	Centennial Park Arena	56 Centennial Park Rd.	Gas	m3	7,630	\$ 3,128	-	\$ -
		Centennial Park Arena Total					\$ 12,982		\$ 24,067
West	West	Central Arena	50 Montgomery Rd.	Electric	kVa	408	\$ 2,405	408	\$ 2,405
West	West	Central Arena	50 Montgomery Rd.	Electric	kW	106	\$ 423	106	\$ 423
West	West	Central Arena	50 Montgomery Rd.	Electric	kWh	230,127	\$ 15,564	230,127	\$ 15,564
West	West	Central Arena	50 Montgomery Rd.	Gas	m3	105,151	\$ 43,112	105,151	\$ 43,112
		Central Arena Total					\$ 61,504		\$ 61,504
West	West	Chris Tonks Keelesdale Arena	2801 Eglinton Ave. W.	Electric	kVa	211	\$ 1,247	424	\$ 2,502
West	West	Chris Tonks Keelesdale Arena	2801 Eglinton Ave. W.	Electric	kW	63	\$ 253	364	\$ 1,455
West	West	Chris Tonks Keelesdale Arena	2801 Eglinton Ave. W.	Electric	kWh	94,430	\$ 6,386	60,218	\$ 4,235
West	West	Chris Tonks Keelesdale Arena	2801 Eglinton Ave. W.	Gas	m3	2,836	\$ 1,163	-	\$ -
		Chris Tonks Keelesdale Arena Total					\$ 9,049		\$ 8,191
West	South	Christie Pits AIR	779 Crawford St.	Electric	kVa	-	\$ -	-	\$ -
West	South	Christie Pits AIR	779 Crawford St.	Electric	kW	-	\$ -	-	\$ -
West	South	Christie Pits AIR	779 Crawford St.	Electric	kWh	51,110	\$ 5,051	51,110	\$ 3,457
West	South	Christie Pits AIR	779 Crawford St.	Gas	m3	-	\$ -	-	\$ -

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
		Christie Pits AIR Total					\$ 5,051		\$ 3,457
West	West	Downsview Arena	1633 Wilson Ave.	Electric	kVa	162	\$ 956	-	\$ -
West	West	Downsview Arena	1633 Wilson Ave.	Electric	kWh	71	\$ 283	178	\$ 706
West	West	Downsview Arena	1633 Wilson Ave.	Electric	kWh	133,825	\$ 9,051	110,091	\$ 7,724
West	West	Downsview Arena	1633 Wilson Ave.	Gas	m3	12,123	\$ 4,970	25,184	\$ 10,467
		Downsview Arena Total					\$ 15,260		\$ 18,897
West	South	Dufferin Grove AIR	875 Dufferin St	Electric	kVa	-	\$ -	-	\$ -
West	South	Dufferin Grove AIR	875 Dufferin St	Electric	kWh	-	\$ -	-	\$ -
West	South	Dufferin Grove AIR	875 Dufferin St	Electric	kWh	22,908	\$ 1,549	22,908	\$ 1,549
West	South	Dufferin Grove AIR	875 Dufferin St	Gas	m3	6,909	\$ 2,833	6,909	\$ 2,833
		Dufferin Grove AIR Total					\$ 4,382		\$ 4,382
West	West	Giovanni Caboto AIR	1369 St. Clair Ave. W	Electric	kVa	5	\$ 30	5	\$ 30
West	West	Giovanni Caboto AIR	1369 St. Clair Ave. W	Electric	kWh	5	\$ 19	5	\$ 19
West	West	Giovanni Caboto AIR	1369 St. Clair Ave. W	Electric	kWh	38,553	\$ 2,607	38,553	\$ 2,607
West	West	Giovanni Caboto AIR	1369 St. Clair Ave. W	Gas	m3	-	\$ -	-	\$ -
		Giovanni Caboto AIR Total					\$ 2,656		\$ 2,656
West	North	Glen Long C.C./ODP/Bocce/AIR	35 Glen Long Ave.	Electric	kVa	334	\$ 1,972	334	\$ 1,972
West	North	Glen Long C.C./ODP/Bocce/AIR	35 Glen Long Ave.	Electric	kWh	156	\$ 625	156	\$ 625
West	North	Glen Long C.C./ODP/Bocce/AIR	35 Glen Long Ave.	Electric	kWh	238,980	\$ 16,162	238,980	\$ 16,162
West	North	Glen Long C.C./ODP/Bocce/AIR	35 Glen Long Ave.	Gas	m3	22,039	\$ 9,036	1,611	\$ 1,210
		Glen Long C.C./ODP/Bocce/AIR Total					\$ 27,795		\$ 19,970
West	West	Gord & Irene Risk C.C./Arena/ODP/Bocce	2650 Finch Ave. W.	Electric	kVa	336	\$ 1,982	763	\$ 4,490
West	West	Gord & Irene Risk C.C./Arena/ODP/Bocce	2650 Finch Ave. W.	Electric	kWh	135	\$ 539	937	\$ 3,745
West	West	Gord & Irene Risk C.C./Arena/ODP/Bocce	2650 Finch Ave. W.	Electric	kWh	284,207	\$ 19,221	312,312	\$ 22,526
West	West	Gord & Irene Risk C.C./Arena/ODP/Bocce	2650 Finch Ave. W.	Gas	m3	12,815	\$ 5,254	12,815	\$ 5,254
		Gord & Irene Risk C.C./Arena/ODP/Bocce Total					\$ 26,995		\$ 36,015
West	North	Goulding Park C.C./Arena/ODP	45 Goulding Ave.	Electric	kVa	52	\$ 307	301	\$ 1,782
West	North	Goulding Park C.C./Arena/ODP	45 Goulding Ave.	Electric	kWh	49	\$ 198	72	\$ 285
West	North	Goulding Park C.C./Arena/ODP	45 Goulding Ave.	Electric	kWh	43,873	\$ 2,967	73,810	\$ 5,375
West	North	Goulding Park C.C./Arena/ODP	45 Goulding Ave.	Gas	m3	6,028	\$ 2,471	18,453	\$ 7,936
		Goulding Park C.C./Arena/ODP Total					\$ 5,943		\$ 15,377
West	North	Grandravine C.C./Arena/ODP/Bocce	23 Grandravine Dr.	Electric	kVa	304	\$ 1,796	304	\$ 1,796
West	North	Grandravine C.C./Arena/ODP/Bocce	23 Grandravine Dr.	Electric	kWh	125	\$ 500	125	\$ 500
West	North	Grandravine C.C./Arena/ODP/Bocce	23 Grandravine Dr.	Electric	kWh	80,735	\$ 5,460	80,735	\$ 5,460
West	North	Grandravine C.C./Arena/ODP/Bocce	23 Grandravine Dr.	Gas	m3	2,776	\$ 1,138	2,776	\$ 1,138
		Grandravine C.C./Arena/ODP/Bocce Total					\$ 8,894		\$ 8,894
West	West	Habitant Arena	3383 Weston Rd.	Electric	kVa	285	\$ 1,682	285	\$ 1,682
West	West	Habitant Arena	3383 Weston Rd.	Electric	kWh	31	\$ 126	31	\$ 126
West	West	Habitant Arena	3383 Weston Rd.	Electric	kWh	86,798	\$ 5,870	86,798	\$ 5,870
West	West	Habitant Arena	3383 Weston Rd.	Gas	m3	7,255	\$ 2,975	7,255	\$ 2,975
		Habitant Arena Total					\$ 10,652		\$ 10,652
West	South	Harry R. Gairey AIR	275 Bathurst St.	Electric	kVa	-	\$ -	-	\$ -
West	South	Harry R. Gairey AIR	275 Bathurst St.	Electric	kWh	-	\$ -	-	\$ -
West	South	Harry R. Gairey AIR	275 Bathurst St.	Electric	kWh	623	\$ 62	623	\$ 42
West	South	Harry R. Gairey AIR	275 Bathurst St.	Gas	m3	8,688	\$ 3,562	8,688	\$ 3,562
		Harry R. Gairey AIR Total					\$ 3,624		\$ 3,604
West	North	Herbert H. Carnegie Centennial Centre	580 Finch Ave. W.	Electric	kVa	577	\$ 3,405	577	\$ 3,405



Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
West	North	Herbert H. Carnegie Centennial Centre A	580 Finch Ave. W.	Electric	kWh	141	\$ 564	141	\$ 564
West	North	Herbert H. Carnegie Centennial Centre A	580 Finch Ave. W.	Electric	kWh	225,711	\$ 15,265	225,711	\$ 15,265
West	North	Herbert H. Carnegie Centennial Centre A	580 Finch Ave. W.	Gas	m3	30,492	\$ 12,502	30,492	\$ 12,502
		Herbert H. Carnegie Centennial Centre Arena Total					\$ 31,736		\$ 31,736
West	West	High Park AIR (#4 & #5)	1873 Bloor St. W.	Electric	kVa	0	\$ 1	0	\$ 1
West	West	High Park AIR (#4 & #5)	1873 Bloor St. W.	Electric	kW	0	\$ 1	0	\$ 1
West	West	High Park AIR (#4 & #5)	1873 Bloor St. W.	Electric	kWh	13,208	\$ 893	13,208	\$ 893
West	West	High Park AIR (#4 & #5)	1873 Bloor St. W.	Gas	m3	20,301	\$ 8,323	20,301	\$ 8,323
		High Park AIR (#4 & #5) Total					\$ 9,219		\$ 9,219
West	West	Humber Valley AIR	50 Anglesey Blvd.	Electric	kVa	3	\$ 20	3	\$ 20
West	West	Humber Valley AIR	50 Anglesey Blvd.	Electric	kW	3	\$ 13	3	\$ 13
West	West	Humber Valley AIR	50 Anglesey Blvd.	Electric	kWh	23,603	\$ 1,596	23,603	\$ 1,596
West	West	Humber Valley AIR	50 Anglesey Blvd.	Gas	m3	1,576	\$ 646	1,576	\$ 646
		Humber Valley AIR Total					\$ 2,275		\$ 2,275
West	North	Irving W. Chapley C.C./AIR	205 Wilmington Ae.	Electric	kVa	1	\$ 7	1	\$ 7
West	North	Irving W. Chapley C.C./AIR	205 Wilmington Ae.	Electric	kW	1	\$ 4	1	\$ 4
West	North	Irving W. Chapley C.C./AIR	205 Wilmington Ae.	Electric	kWh	51,785	\$ 3,502	51,785	\$ 3,502
West	North	Irving W. Chapley C.C./AIR	205 Wilmington Ae.	Gas	m3	4,198	\$ 1,721	-	\$ -
		Irving W. Chapley C.C./AIR Total					\$ 5,235		\$ 5,235
West	North	John Booth Mem. Arena/Bocce	230 Gosford Blvd.	Electric	kVa	169	\$ 997	169	\$ 997
West	North	John Booth Mem. Arena/Bocce	230 Gosford Blvd.	Electric	kW	39	\$ 154	39	\$ 154
West	North	John Booth Mem. Arena/Bocce	230 Gosford Blvd.	Electric	kWh	94,354	\$ 6,381	94,354	\$ 6,381
West	North	John Booth Mem. Arena/Bocce	230 Gosford Blvd.	Gas	m3	9,081	\$ 3,723	12,196	\$ 5,063
		John Booth Mem. Arena/Bocce Total					\$ 11,256		\$ 12,595
West	West	Lambton Kingsway AIR	37 Marquis Ave.	Electric	kVa	2	\$ 10	2	\$ 10
West	West	Lambton Kingsway AIR	37 Marquis Ave.	Electric	kW	2	\$ 6	2	\$ 6
West	West	Lambton Kingsway AIR	37 Marquis Ave.	Electric	kWh	31,531	\$ 2,132	31,531	\$ 2,132
West	West	Lambton Kingsway AIR	37 Marquis Ave.	Gas	m3	-	\$ -	-	\$ -
		Lambton Kingsway AIR Total					\$ 2,149		\$ 2,149
West	West	Lambton Park Arena	4100 Dundas St. W.	Electric	kVa	313	\$ 1,847	516	\$ 3,033
West	West	Lambton Park Arena	4100 Dundas St. W.	Electric	kW	99	\$ 396	285	\$ 1,142
West	West	Lambton Park Arena	4100 Dundas St. W.	Electric	kWh	145,479	\$ 9,839	105,380	\$ 6,751
West	West	Lambton Park Arena	4100 Dundas St. W.	Gas	m3	7,085	\$ 2,905	7,085	\$ 2,905
		Lambton Park Arena Total					\$ 14,986		\$ 13,831
West	North	Ledbury C.C./ODP/AIR	146 Ledbury St	Electric	kVa	2	\$ 10	2	\$ 10
West	North	Ledbury C.C./ODP/AIR	146 Ledbury St	Electric	kW	2	\$ 6	2	\$ 6
West	North	Ledbury C.C./ODP/AIR	146 Ledbury St	Electric	kWh	5,101	\$ 345	5,101	\$ 345
West	North	Ledbury C.C./ODP/AIR	146 Ledbury St	Gas	m3	3,805	\$ 1,560	3,225	\$ 1,419
		Ledbury C.C./ODP/AIR Total					\$ 1,921		\$ 1,780
West	West	Long Branch Arena	75 Arcadian Circle	Electric	kVa	263	\$ 1,554	296	\$ 1,746
West	West	Long Branch Arena	75 Arcadian Circle	Electric	kW	29	\$ 115	441	\$ 1,779
West	West	Long Branch Arena	75 Arcadian Circle	Electric	kWh	77,627	\$ 5,250	90,094	\$ 6,876
West	West	Long Branch Arena	75 Arcadian Circle	Gas	m3	9,724	\$ 3,987	7,541	\$ 3,819
		Long Branch Arena Total					\$ 10,906		\$ 14,220
West	West	Marlingrove AIR	400 Martin Grove Rd.	Electric	kVa	9	\$ 55	9	\$ 55
West	West	Marlingrove AIR	400 Martin Grove Rd.	Electric	kW	9	\$ 35	9	\$ 35
West	West	Marlingrove AIR	400 Martin Grove Rd.	Electric	kWh	20,767	\$ 1,404	20,767	\$ 1,404

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
West	West	Martingrove AIR	400 Martin Grove Rd.	Gas	m3	4,171	\$ 1,710	\$ 4,171	\$ 1,710
		Martingrove AIR Total					\$ 3,205		\$ 3,205
West	West	Mimico Arena	31 Drummond St.	Electric	kVa	125	\$ 737	125	\$ 737
West	West	Mimico Arena	31 Drummond St.	Electric	kW	42	\$ 166	42	\$ 166
West	West	Mimico Arena	31 Drummond St.	Electric	kWh	75,345	\$ 5,096	75,345	\$ 5,096
West	West	Mimico Arena	31 Drummond St.	Gas	m3	7,967	\$ 3,267	9,183	\$ 4,141
		Mimico Arena Total					\$ 9,265		\$ 10,139
West	North	Otter Creek AIR	140 Cheritan Ave.	Electric	kVa	-	\$ -	-	\$ -
West	North	Otter Creek AIR	140 Cheritan Ave.	Electric	kW	-	\$ -	-	\$ -
West	North	Otter Creek AIR	140 Cheritan Ave.	Electric	kWh	60,263	\$ 4,076	155,329	\$ 15,351
West	North	Otter Creek AIR	140 Cheritan Ave.	Gas	m3	-	\$ -	-	\$ -
		Otter Creek AIR Total					\$ 4,076		\$ 15,351
West	West	Park Lawn (Bubble) AIR	340 Park Lawn Road	Electric	kVa	115	\$ 678	115	\$ 678
West	West	Park Lawn (Bubble) AIR	340 Park Lawn Road	Electric	kW	12	\$ 50	12	\$ 50
West	West	Park Lawn (Bubble) AIR	340 Park Lawn Road	Electric	kWh	49,227	\$ 3,329	49,227	\$ 3,329
West	West	Park Lawn (Bubble) AIR	340 Park Lawn Road	Gas	m3	10,701	\$ 4,387	10,701	\$ 4,387
		Park Lawn (Bubble) AIR Total					\$ 8,445		\$ 8,445
West	West	Phil White Arena	443 Arlington Ave.	Electric	kVa	257	\$ 1,514	380	\$ 2,248
West	West	Phil White Arena	443 Arlington Ave.	Electric	kW	70	\$ 281	370	\$ 1,472
West	West	Phil White Arena	443 Arlington Ave.	Electric	kWh	109,462	\$ 7,403	168,288	\$ 15,257
West	West	Phil White Arena	443 Arlington Ave.	Gas	m3	1,355	\$ 556	2,548	\$ 1,008
		Phil White Arena Total					\$ 9,754		\$ 19,985
West	West	Pine Point Arena	55 Allenby Rd.	Electric	kVa	254	\$ 1,497	689	\$ 4,053
West	West	Pine Point Arena	55 Allenby Rd.	Electric	kW	33	\$ 131	423	\$ 1,693
West	West	Pine Point Arena	55 Allenby Rd.	Electric	kWh	141,323	\$ 9,558	35,807	\$ 2,072
West	West	Pine Point Arena	55 Allenby Rd.	Gas	m3	1,673	\$ 686	-	\$ -
		Pine Point Arena Total					\$ 11,871		\$ 7,818
West	West	Prince of Wales AIR	1 Third Street	Electric	kVa	-	\$ -	-	\$ -
West	West	Prince of Wales AIR	1 Third Street	Electric	kW	-	\$ -	-	\$ -
West	West	Prince of Wales AIR	1 Third Street	Electric	kWh	26,728	\$ 2,642	26,728	\$ 2,642
West	West	Prince of Wales AIR	1 Third Street	Gas	m3	326	\$ 134	326	\$ 134
		Prince of Wales AIR Total					\$ 2,775		\$ 2,775
West	West	Queensway AIR	8 Avon Park Dr.	Electric	kVa	-	\$ -	-	\$ -
West	West	Queensway AIR	8 Avon Park Dr.	Electric	kW	-	\$ -	-	\$ -
West	West	Queensway AIR	8 Avon Park Dr.	Electric	kWh	14,964	\$ 1,479	14,964	\$ 1,479
West	West	Queensway AIR	8 Avon Park Dr.	Gas	m3	1,091	\$ 447	1,091	\$ 447
		Queensway AIR Total					\$ 1,926		\$ 1,926
West	West	Rennie Park AIR	140 Ellis Ave. (1 Rennie Ter.	Electric	kVa	6	\$ 35	6	\$ 35
West	West	Rennie Park AIR	140 Ellis Ave. (1 Rennie Ter.	Electric	kW	6	\$ 23	6	\$ 23
West	West	Rennie Park AIR	140 Ellis Ave. (1 Rennie Ter.	Electric	kWh	58,352	\$ 3,946	58,352	\$ 3,946
West	West	Rennie Park AIR	140 Ellis Ave. (1 Rennie Ter.	Gas	m3	-	\$ -	-	\$ -
		Rennie Park AIR Total					\$ 4,004		\$ 4,004
West	West	Rivercrest AIR	30 Harefield Drive	Electric	kVa	1	\$ 7	1	\$ 7
West	West	Rivercrest AIR	30 Harefield Drive	Electric	kW	1	\$ 4	1	\$ 4
West	West	Rivercrest AIR	30 Harefield Drive	Electric	kWh	23,784	\$ 1,608	23,784	\$ 1,608
West	West	Rivercrest AIR	30 Harefield Drive	Gas	m3	-	\$ -	-	\$ -
		Rivercrest AIR Total					\$ 1,619		\$ 1,619

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
West	North	Roding C.C./Arena/ODP	600 Roding Street	Electric	kVa	174	\$ 1,028	532	\$ 3,127
West	North	Roding C.C./Arena/ODP	600 Roding Street	Electric	kWh	50	\$ 200	389	\$ 1,557
West	North	Roding C.C./Arena/ODP	600 Roding Street	Electric	kWh	101,845	\$ 6,888	259,862	\$ 18,673
West	North	Roding C.C./Arena/ODP	600 Roding Street	Gas	m3	(628)	\$ (258)	(628)	\$ (258)
West	West	Roding C.C./Arena/ODP Total					\$ 7,859		\$ 23,099
West	West	Royalcrest AIR	50 Cabernet Circle	Electric	kVa	3	\$ 16	3	\$ 16
West	West	Royalcrest AIR	50 Cabernet Circle	Electric	kW	3	\$ 10	3	\$ 10
West	West	Royalcrest AIR	50 Cabernet Circle	Electric	kWh	40,174	\$ 2,717	40,174	\$ 2,717
West	West	Royalcrest AIR	50 Cabernet Circle	Gas	m3	-	\$ -	-	\$ -
West	West	Royalcrest AIR Total					\$ 2,743		\$ 2,743
West	West	Sir Adam Beck AIR	520 Horner Ave.	Electric	kVa	5	\$ 29	5	\$ 29
West	West	Sir Adam Beck AIR	520 Horner Ave.	Electric	kW	5	\$ 19	5	\$ 19
West	West	Sir Adam Beck AIR	520 Horner Ave.	Electric	kWh	12,749	\$ 862	12,749	\$ 862
West	West	Sir Adam Beck AIR	520 Horner Ave.	Gas	m3	2,056	\$ 843	2,056	\$ 843
West	West	Sir Adam Beck AIR Total					\$ 1,754		\$ 1,754
West	West	Summerlea AIR	2 Arcot Blvd.	Electric	kVa	4	\$ 22	4	\$ 22
West	West	Summerlea AIR	2 Arcot Blvd.	Electric	kW	3	\$ 14	3	\$ 14
West	West	Summerlea AIR	2 Arcot Blvd.	Electric	kWh	27,684	\$ 1,872	27,684	\$ 1,872
West	West	Summerlea AIR	2 Arcot Blvd.	Gas	m3	-	\$ -	-	\$ -
West	West	Summerlea AIR Total					\$ 1,908		\$ 1,908
West	West	Sunnydale Acres AIR	50 Amoro Drive	Electric	kVa	8	\$ 46	8	\$ 46
West	West	Sunnydale Acres AIR	50 Amoro Drive	Electric	kW	7	\$ 30	7	\$ 30
West	West	Sunnydale Acres AIR	50 Amoro Drive	Electric	kWh	24,635	\$ 1,666	24,635	\$ 1,666
West	West	Sunnydale Acres AIR	50 Amoro Drive	Gas	m3	4,417	\$ 1,811	4,417	\$ 1,811
West	West	Sunnydale Acres AIR Total					\$ 3,553		\$ 3,553
West	South	Trinity Belwoods AIR	790 Queen St. West	Electric	kVa	-	\$ -	-	\$ -
West	South	Trinity Belwoods AIR	790 Queen St. West	Electric	kW	-	\$ -	-	\$ -
West	South	Trinity Belwoods AIR	790 Queen St. West	Electric	kWh	23,833	\$ 1,612	23,833	\$ 1,612
West	South	Trinity Belwoods AIR	790 Queen St. West	Gas	m3	-	\$ -	-	\$ -
West	West	Trinity Belwoods AIR Total					\$ 1,612		\$ 1,612
West	West	Valleyfield AIR	35 The Westway	Electric	kVa	-	\$ -	-	\$ -
West	West	Valleyfield AIR	35 The Westway	Electric	kW	-	\$ -	-	\$ -
West	West	Valleyfield AIR	35 The Westway	Electric	kWh	32,681	\$ 3,230	32,681	\$ 3,230
West	West	Valleyfield AIR	35 The Westway	Gas	m3	-	\$ -	-	\$ -
West	West	Valleyfield AIR Total					\$ 3,230		\$ 3,230
West	South	Wallace Emerson AIR	1260 Dufferin St.	Electric	kVa	373	\$ 2,202	373	\$ 1,493
West	South	Wallace Emerson AIR	1260 Dufferin St.	Electric	kW	-	\$ -	-	\$ -
West	South	Wallace Emerson AIR	1260 Dufferin St.	Electric	kWh	14,147	\$ 957	14,147	\$ 957
West	South	Wallace Emerson AIR	1260 Dufferin St.	Gas	m3	-	\$ -	-	\$ -
West	West	Wallace Emerson AIR Total					\$ 3,158		\$ 2,449
West	West	Wedgewood AIR	15 Swan Avenue	Electric	kVa	-	\$ -	-	\$ -
West	West	Wedgewood AIR	15 Swan Avenue	Electric	kW	-	\$ -	-	\$ -
West	West	Wedgewood AIR	15 Swan Avenue	Electric	kWh	13,477	\$ 1,332	13,477	\$ 1,332
West	West	Wedgewood AIR	15 Swan Avenue	Gas	m3	1,455	\$ 597	1,455	\$ 597
West	West	Wedgewood AIR Total					\$ 1,928		\$ 1,928
West	West	West Mall AIR	370 The West Mall	Electric	kVa	13	\$ 79	13	\$ 79
West	West	West Mall AIR	370 The West Mall	Electric	kW	13	\$ 51	13	\$ 51

Current Region	Previous District Name	Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
West	West	West Mail AIR	370 The West Mall	Electric	kWh	21,957	\$ 1,485	21,957	\$ 1,485
West	West	West Mail AIR	370 The West Mall	Gas	m3	7,609	\$ 3,120	7,609	\$ 3,120
		West Mail AIR Total					\$ 4,735		\$ 4,735
West	West	Westgrove AIR	15 Redgrave Dr.	Electric	kVa	-	\$ -	-	\$ -
West	West	Westgrove AIR	15 Redgrave Dr.	Electric	kW	-	\$ -	-	\$ -
West	West	Westgrove AIR	15 Redgrave Dr.	Electric	kWh	23,747	\$ 2,347	23,747	\$ 2,347
West	West	Westgrove AIR	15 Redgrave Dr.	Gas	m3	-	\$ -	-	\$ -
		Westgrove AIR Total					\$ 2,347		\$ 2,347
West	West	Westway AIR	175 The Westway	Electric	kVa	8	\$ 47	8	\$ 47
West	West	Westway AIR	175 The Westway	Electric	kW	8	\$ 30	8	\$ 30
West	West	Westway AIR	175 The Westway	Electric	kWh	19,011	\$ 1,286	19,011	\$ 1,286
West	West	Westway AIR	175 The Westway	Gas	m3	5,503	\$ 2,256	5,503	\$ 2,256
		Westway AIR Total					\$ 3,619		\$ 2,715

**Appendix D: BOM Facilities and Curling Rinks  
Energy Savings to Q4 (July 2007 to June 2008)  
Sorted Alphabetically By Building By Utility**

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**Appendix D-1: Savings Summary By Utility for Curling Rinks**

Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
East York Curling Club	901 Cosburn Ave.	Electric	kVa	131	\$ 774	131	\$ 774
East York Curling Club	901 Cosburn Ave.	Electric	kW	24	\$ 97	216	\$ 863
East York Curling Club	901 Cosburn Ave.	Electric	kWh	102,038	\$ 6,901	102,038	\$ 6,901
East York Curling Club	901 Cosburn Ave.	Gas	m3	13,839	\$ 5,674	13,839	\$ 5,674
<b>East York Curling Club Total</b>					<b>\$ 13,446</b>		<b>\$ 14,211</b>
Leaside Curling Club	1073A Millwood Rd.	Electric	kVa	-	\$ -	-	\$ -
Leaside Curling Club	1073A Millwood Rd.	Electric	kW	-	\$ -	-	\$ -
Leaside Curling Club	1073A Millwood Rd.	Electric	kWh	111,699	\$ 11,039	55,939	\$ 5,500
Leaside Curling Club	1073A Millwood Rd.	Gas	m3	10,057	\$ 4,123	-	\$ -
<b>Leaside Curling Club Total</b>					<b>\$ 15,163</b>		<b>\$ 5,500</b>
Tam Heather Curling Club	730 Military Trail	Electric	kVa	256	\$ 1,508	256	\$ 1,508
Tam Heather Curling Club	730 Military Trail	Electric	kW	78	\$ 314	78	\$ 314
Tam Heather Curling Club	730 Military Trail	Electric	kWh	140,151	\$ 9,478	140,151	\$ 9,478
Tam Heather Curling Club	730 Military Trail	Gas	m3	3,432	\$ 1,407	3,432	\$ 1,407
<b>Tam Heather Curling Club Total</b>					<b>\$ 12,707</b>		<b>\$ 12,707</b>

**Appendix D-2: Savings Summary By Utility for George Bell Arena**

Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
George Bell Arena	215 Rydging Avenue	Electric	kVa	281	\$ 1,658	-	\$ -
George Bell Arena	215 Rydging Avenue	Electric	kW	59	\$ 235	63	\$ 253
George Bell Arena	215 Rydging Avenue	Electric	kWh	171,175	\$ 11,577	166,155	\$ 11,342
George Bell Arena	215 Rydging Avenue	Gas	m3	5,324	\$ 2,183	5,324	\$ 2,183
<b>George Bell Arena Total</b>					<b>\$ 15,653</b>		<b>\$ 13,778</b>

**Appendix D-3: Savings Summary By Utility for Ted Reeve Arena**

Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
Ted Reeve Arena	175 Main Street	Electric	kVa	243	\$ 1,436	158	\$ 933
Ted Reeve Arena	175 Main Street	Electric	kW	46	\$ 182	14	\$ 64
Ted Reeve Arena	175 Main Street	Electric	kWh	379,825	\$ 25,688	379,825	\$ 25,688
Ted Reeve Arena	175 Main Street	Gas	m3	827	\$ 339	827	\$ 339
Ted Reeve Arena	175 Main Street	Misc		-	\$ 6,000	-	\$ 6,000
<b>Ted Reeve Arena Total</b>					<b>\$ 33,645</b>		<b>\$ 33,023</b>