



Energy Savings Report  
January – December 2008

# Toronto Arena Energy Retrofit Program Toronto, Ontario

Submitted to:  
City of Toronto Facilities & Real Estate

**PREPARED BY OPTIMIRA ENERGY LIMITED**

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TORONTO ARENAS ENERGY RETROFIT PROGRAM

ENERGY SAVINGS REPORT (JANUARY - DECEMBER 2008)

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 January 1 to December 31, 2008. This represents the combined periods of Q3, Q4, Q5 and Q6.

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 January 1 to December 31, 2008 are assessed at \$1,305,738. This savings calculation includes weather adjustments and baseline adjustments accounting for material changes within the facilities. The annual estimated savings are \$1,263,452. Overall within this Q3 to Q6 period the full savings are being achieved.

As in the report for the 1<sup>st</sup> year of savings, the Performance Guarantee provision of the contract was calculated using these latest savings. The calculation demonstrates that the energy cost reductions remain 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. This point, this report summarizes the savings occurring for the combined third to sixth quarters (Q3, Q4, Q5 and Q6) from January 1 to December 31, 2008.

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 prorated 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 there are considerable changes in some facilities. 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.

Optimira Energy has continuously monitored building operations through modem connection to the building automation systems. Monitoring focused on reviewing scheduling, setpoints and manual operation of equipment. Several deficiencies were noted and corresponded to the City for action. Base year adjustments for these deficiencies have not been calculated but have been incorporated into our analysis where savings are not being achieved where poor building operation was found as the cause. It is imperative that the City continues their focus on ensuring that systems are operated correctly.

**TORONTO ARENAS ENERGY RETROFIT PROGRAM**

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**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 January 1 to December 31, 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 January to December 2008

Utility	Units	Q6 Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	18,977	\$ 112,800	14,843	\$ 87,575	128%	129%
kW Demand	kW	9,083	\$ 37,695	3,757	\$ 15,028	242%	251%
Electricity	kWh	10,478,202	\$ 745,141	9,845,840	\$ 685,768	106%	109%
Gas	m3	952,823	\$ 404,101	1,070,945	\$ 439,087	89%	92%
Misc	Ted Reeve DHW (1)		\$ 6,000		\$ 6,000		100%
Misc	Energy Awareness (2)				\$ 29,994		
<b>Total</b>			<b>\$ 1,305,738</b>		<b>\$ 1,263,452</b>		<b>103%</b>

- Notes:
- (1) At Ted Reeve Arena, Optimira was able to modify the hot water rental agreement to an annual savings of \$6,000.
  - (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 the 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. The breakdown of the Q6 year-to-date cost savings is summarized below.

**Breakdown of Q6 Savings Calculation Approach (Q6 YTD January to December 2008)**

Whole Building	\$	1,065,978
Calculated	\$	239,760
<b>Total</b>	<b>\$</b>	<b>1,305,738</b>

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

### Savings For Buildings in the East District (Q6 YTD January to December 2008)

Current Region	Previous District Name	Building Name	Address	Q6 Actual \$ Savings
East	East	Agincourt R.C./Arena/Pool	32 Glen Watford Dr.	\$ 71,052
East	South	Barbara Ann Scott AIR	445 Yonge St.	\$ 1,506
East	North	Bayview Arena	3231 Bayview Ave.	\$ 5,487
East	North	Broadlands Park C.R.C./ODP/AIR	20 Castlegrove Blvd.	\$ 2,815
East	East	Centennial R.C./Pool & Ice Galaxy	32 Glen Watford Dr.	\$ 95,277
East	East	Commander Park C.C. & Arena	141 Commander Blvd.	\$ 50,267
East	North	Cummer C.C./Arena/Pool	6001 Leslie Street	\$ 49,658
East	South	Dieppe Park AIR	456 Cosburn Ave.	\$ 9,644
East	North	Don Mills Civitan Arena	1031 Don Mills Rd.	\$ 15,883
East	South	East York Memorial Arena	889 Cosburn Ave.	\$ 16,506
East	North	Fenside Arena	31 Slidell Cres.	\$ 4,125
East	North	Flemingdon Arena	166 Grenoble Dr.	\$ 8,327
East	South	Greenwood AIR	151 Greenwood Ave.	\$ 2,972
East	East	Heron Park C.C./Arena/ODP	293 Manse Road	\$ 48,167
East	South	Hodgson AIR	277 Davisville Ave.	\$ 4,731
East	South	Jimmie Simpson AIR	871 Queen Street East	\$ 24,301
East	South	Kew Gardens AIR	2076 Queen St. East	\$ 2,292
East	East	Malvern C.R.C./Arena	31 Sewells Road	\$ 48,688
East	East	McGregor C.C./arena	2232 Lawrence Ave E	\$ 30,216
East	East	Mid Scarborough C.C./Arena	2468 Eglinton Ave. E.	\$ 38,303
East	North	Mitchell Field C.C./Arena	90 Church Avenue	\$ 16,998
East	South	Monarch Park AIR	116 Felstead Ave.	\$ 5,433
East	North	Oriole C.R.C./Arena/ODP	2976 Don Mills Road	\$ 31,692
East	North	Pleasantview C.C. & Arena/ODP/Bocce	546 Van Horne Avenue	\$ 32,882
East	South	Ramsden AIR	1021 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	551 Broadview Ave.	\$ 3,378
East	South	Rosedale Park AIR	21 Schofield Ave.	\$ 1,120
East	South	Ryerson AIR	26 Gould St.	\$ 1,284
East	East	Scarborough Gardens Arena	76 Birchmount Rd.	\$ 19,851
East	East	Scarborough Village C.C./Arena	3601 Kingston Road	\$ 38,552
East	North	Victoria Village Arena	191 Bermondsey Rd.	\$ 13,151
East	South	Withrow Park AIR	726 Logan Ave.	\$ 2,042
East	North	York Mills Arena	2540 Bayview Ave.	\$ 17,187
<b>Total</b>				<b>\$ 724,327</b>

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The overall savings for the East District from January 1 to December 31, 2008 are summarized below. This is broken out in detail in Appendix B. The monthly savings are provided in Appendix E.

East District Savings Summary Jan to Dec 2008

Utility	Units	Q6 Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	10,316	\$ 61,356	8,280	\$ 48,852	125%	126%
kW Demand	kW	4,287	\$ 17,542	2,111	\$ 8,446	203%	208%
Electricity	kWh	5,827,514	\$ 409,062	5,462,658	\$ 373,946	107%	109%
Gas	m3	569,459	\$ 236,367	673,030	\$ 275,942	85%	86%
<b>Total</b>			<b>\$ 724,327</b>		<b>\$ 707,186</b>		<b>102%</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. The breakdown of the Q6 year-to-date cost savings is summarized below.

**Breakdown of Q6 Savings Calculation Approach for East District (Q6 YTD Jan to Dec 2008)**

Whole Building	\$	645,103
Calculated	\$	79,224
<b>Total</b>	<b>\$</b>	<b>724,327</b>



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## 6.0 Savings By West District

### Savings For Buildings in the West District (Q6 YTD January to December 2008)

Current Region	Previous District Name	Building Name	Address	Q6 Actual \$ Savings
West	West	Albion Arena	1502 Albion Rd.	\$ 5,851
West	West	Amesbury Park Sports Complex/Bocce	156 Culford Rd.	\$ 34,625
West	North	Baycrest Arena	161 Neptune Dr.	\$ 8,943
West	West	Buttonwood AIR	31 Mulham Place	\$ 2,616
West	South	Campbell Park AIR	256 Campbell Ave.	\$ 6,263
West	West	Centennial Park Arena	57 Centennial Park Rd.	\$ 24,603
West	West	Central Arena	51 Montgomery Rd.	\$ 61,504
West	West	Chris Tonks Keelesdale Arena	2802 Eglinton Ave. W.	\$ 5,397
West	South	Christie Pits AIR	780 Crawford St.	\$ 3,457
West	West	Downsview Arena	1634 Wilson Ave.	\$ 19,533
West	South	Dufferin Grove AIR	876 Dufferin St	\$ 4,382
West	West	Giovanni Caboto AIR	1370 St. Clair Ave. W	\$ 2,656
West	North	Glen Long C.C./ODP/Bocce/AIR	36 Glen Long Ave.	\$ 20,742
West	West	Gord & Irene Risk C.C./Arena/ODP/Bocce	2651 Finch Ave. W.	\$ 39,962
West	North	Goulding Park C.C./Arena/ODP	46 Goulding Ave.	\$ 12,518
West	North	Grandravine C.C./Arena/ODP/Bocce	24 Grandravine Dr.	\$ 8,894
West	West	Habitant Arena	3384 Weston Rd.	\$ 10,652
West	South	Harry R. Gairey AIR	276 Bathurst St.	\$ 3,604
West	North	Herbert H. Carnegie Centennial Centre Arena	581 Finch Ave. W.	\$ 31,736
West	West	High Park AIR (#4 & #5)	1874 Bloor St. W	\$ 9,219
West	West	Humber Valley AIR	51 Anglesey Blvd.	\$ 2,275
West	North	Irving W. Chapley C.C./AIR	206 Wilmington Ae.	\$ 5,713
West	North	John Booth Mem. Arena/Bocce	231 Gosford Blvd.	\$ 13,224
West	West	Lambton Kingsway AIR	38 Marquis Ave.	\$ 2,149
West	West	Lambton Park Arena	4101 Dundas St. W.	\$ 17,897
West	North	Ledbury C.C./ODP/AIR	147 Ledbury St	\$ 1,295
West	West	Long Branch Arena	76 Arcadian Circle	\$ 13,737
West	West	Martingrove AIR	401 Martin Grove Rd.	\$ 3,205
West	West	Mimico Arena	32 Drummond St.	\$ 10,547
West	North	Otter Creek AIR	141 Cheritan Ave.	\$ 12,507
West	West	Park Lawn (Bubble) AIR	341 Park Lawn Road	\$ 8,445
West	West	Phil White Arena	444 Arlington Ave.	\$ 17,062
West	West	Pine Point Arena	56 Allenby Rd.	\$ 8,041
West	West	Prince of Wales AIR	2 Third Street	\$ 2,775
West	West	Queensway AIR	9 Avon Park Dr.	\$ 1,926
West	West	Rennie Park AIR	141 Ellis Ave. ( 1 Rennie Ter.	\$ 4,004
West	West	Rivercrest AIR	31 Harefield Drive	\$ 1,619



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West	North	Roding C.C./Arena/ODP	601 Roding Street	\$ 20,949
West	West	Royalcrest AIR	51 Cabernet Circle	\$ 2,743
West	West	Sir Adam Beck AIR	521 Horner Ave.	\$ 1,754
West	West	Summerlea AIR	3 Arcot Blvd.	\$ 1,908
West	West	Sunnydale Acres AIR	51 Amoro Drive	\$ 3,553
West	South	Trinity Belwoods AIR	791 Queen St. West	\$ 1,612
West	West	Valleyfield AIR	36 The Westway	\$ 3,230
West	South	Wallace Emerson AIR	1261 Dufferin St.	\$ 2,449
West	West	Wedgewood AIR	16 Swan Avenue	\$ 1,928
West	West	West Mall AIR	371 The West Mall	\$ 4,735
West	West	Westgrove AIR	16 Redgrave Dr.	\$ 2,347
West	West	Westway AIR	176 The Westway	\$ 3,619
<b>Total</b>				<b>\$ 494,404</b>

The overall savings for the West District from January 1 to December 31, 2008 are summarized below. This is broken out in detail in Appendix C. The monthly savings are provided in Appendix E.

#### West District Savings Summary Jan to Dec 2008

Utility	Units	Q6 Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	8,240	\$ 48,975	5,652	\$ 33,348	146%	147%
kW Demand	kW	4,368	\$ 18,122	1,438	\$ 5,753	304%	315%
Electricity	kWh	3,711,828	\$ 269,176	3,478,294	\$ 247,139	107%	109%
Gas	m3	359,942	\$ 158,131	364,436	\$ 149,419	99%	106%
<b>Total</b>			<b>\$ 494,404</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. The breakdown of the Q6 year-to-date cost savings is summarized below.

#### Breakdown of Q6 Savings Calculation Approach for West District (Q6 YTD Jan to Dec 2008)

Whole Building	\$ 343,458
Calculated	\$ 150,946
<b>Total</b>	<b>\$ 494,404</b>

## 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

#### Savings For BOM Facilities (Q6 YTD January to December 2008)

Current Region	Previous District Name	Building Name	Address	Q6 Actual \$ Savings
BOM	BOM	George Bell Arena	215 Ryding Avenue	\$ 23,743
BOM	BOM	Ted Reeve Arena	175 Main Street	\$ 31,796
<b>Total</b>				<b>\$ 55,539</b>

The overall savings for the BOM Facilities from January to December, 2008 are summarized below. This is broken out in detail in Appendix D. The monthly savings are provided in Appendix E.

#### BOM Facilities Savings Summary Jan to Dec 2008

Utility	Units	Q6 Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	34	\$ 189	524	\$ 3,034	6%	6%
kW Demand	kW	126	\$ 508	104	\$ 418	121%	122%
Electricity	kWh	638,211	\$ 46,320	551,000	\$ 37,264	116%	124%
Gas	m3	6,152	\$ 2,522	6,512	\$ 2,522	100%	100%
Ted Reeve DHW			\$ 6,000		\$ 6,000	100%	100%
<b>Total</b>			<b>\$ 55,539</b>		<b>\$ 49,298</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. The breakdown of the Q6 year-to-date cost savings is summarized below.

#### Breakdown of Q6 Savings Calculation Approach for West District (Q6 YTD Jan to Dec 2008)

Whole Building	\$	47,356
Calculated	\$	8,183
<b>Total</b>	<b>\$</b>	<b>55,539</b>

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## 7.2 Savings By Curling Rinks

### Savings For Curling Rinks (Q6 YTD January to December 2008)

Current Region	Previous District Name	Building Name	Address	Q6 Actual \$ Savings
BOM	BOM	East York Curling Club	901 Cosburn Ave.	\$ 14,557
BOM	BOM	Leaside Curling Club	1073A Millwood Rd.	\$ 4,204
BOM	BOM	Tam Heather Curling Club	730 Military Trail	\$ 12,707
<b>Total</b>				<b>\$ 31,468</b>

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

Curling Rinks Savings Summary Jan to Dec 2008

Utility	Units	Q6 Actual Savings		Annual Estimated Savings		% Achieved	
		Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	387	\$ 2,281	387	\$ 2,281	100%	100%
kW Demand	kW	302	\$ 1,523	103	\$ 411	234%	370%
Electricity	kWh	300,650	\$ 20,583	353,888	\$ 27,418	85%	75%
Gas	m3	17,271	\$ 7,081	27,328	\$ 11,204	63%	63%
<b>Total</b>			<b>\$ 31,468</b>		<b>\$ 41,315</b>		<b>76%</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. The breakdown of the Q4 cost savings is summarized below.

**Breakdown of Q6 Savings Calculation Approach for West District (Q6 YTD Jan to Dec 2008)**

Whole Building	\$	30,061
Calculated	\$	1,407
<b>Total</b>	<b>\$</b>	<b>31,468</b>

## 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**

ENERGY SAVINGS REPORT (JANUARY - DECEMBER 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, January to December 2008, will be used for the Test Period. Savings for this period as described in this report are \$1,305,738.

### **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,

$$\begin{aligned} \text{Performance Guarantee Reimbursement} &= \$9,906,600 - \$258,476 - \$1,305,738 \times 8 \\ &= (\$797,780) \end{aligned}$$

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 \$1,305,738. This is based upon the information available at the time of writing.

Overall it is assessed that within the reported 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 Q6 (January to  
December 2008) Sorted Alphabetically By Building  
By Utility**



Building Name	Meter	Units	Annual Estimate Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note	Q6 Metered Savings		Q6 Actual Savings		Note
			Enceorg	Cost		Enceorg	Cost	Enceorg	Cost		Enceorg	Cost	Enceorg	Cost	
Commander Park C.C. & Arena	Electric kVa	343	\$ 2,022	\$ (3,640)	Whole Building	\$ (599)	\$ (3,640)	\$ -	\$ -		\$ (370)	\$ (2,189)	\$ -	\$ -	
Commander Park C.C. & Arena	Electric kW	130	\$ 520	\$ (2,957)	Whole Building	\$ (738)	\$ (2,957)	\$ -	\$ -		\$ (562)	\$ (2,252)	\$ -	\$ -	1
Commander Park C.C. & Arena	Electric kWh	381,735	\$ 25,817	\$ 359,736	Whole Building	\$ 359,736	\$ 25,817	\$ 363,587	\$ 25,452		\$ 26,946	\$ 386,311	\$ 386,311	\$ 26,946	1
Commander Park C.C. & Arena	Gas m3	28,962	\$ 11,710	\$ 18,112	Whole Building	\$ 43,378	\$ 18,112	\$ 43,378	\$ 18,112		\$ 55,378	\$ 23,321	\$ 55,378	\$ 23,321	
<b>Commander Park C.C. &amp; Arena Total</b>			\$ 40,069	\$ 36,798		\$ 36,798	\$ 36,798	\$ 43,564	\$ 43,564		\$ 45,826	\$ 45,826	\$ 50,267	\$ 50,267	
Cummer C.C./Arenal/Pool	Electric kVa	572	\$ 3,377	\$ 5,670	Whole Building	\$ 944	\$ 5,670	\$ 944	\$ 5,670		\$ 986	\$ 5,812	\$ 986	\$ 5,812	
Cummer C.C./Arenal/Pool	Electric kW	92	\$ 370	\$ 1,338	Whole Building	\$ 336	\$ 1,338	\$ 336	\$ 1,338		\$ 382	\$ 1,528	\$ 382	\$ 1,528	
Cummer C.C./Arenal/Pool	Electric kWh	259,680	\$ 17,562	\$ 385,798	Whole Building	\$ 385,798	\$ 17,562	\$ 385,798	\$ 17,422		\$ 387,469	\$ 27,816	\$ 387,469	\$ 27,816	
Cummer C.C./Arenal/Pool	Gas m3	33,298	\$ 13,652	\$ 22,686	Whole Building	\$ 22,686	\$ 9,367	\$ 22,686	\$ 9,367		\$ 35,262	\$ 14,502	\$ 35,262	\$ 14,502	
<b>Cummer C.C./Arenal/Pool Total</b>			\$ 34,961	\$ 43,696		\$ 43,696	\$ -	\$ -	\$ -		\$ 49,658	\$ 49,658	\$ -	\$ -	
Dieppe Park AIR	Electric kVa	-	\$ -	\$ -	Calculated Savings	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
Dieppe Park AIR	Electric kW	-	\$ -	\$ -	Calculated Savings	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
Dieppe Park AIR	Electric kWh	124,598	\$ 8,427	\$ 124,598	Calculated Savings	\$ 124,598	\$ 8,427	\$ 124,598	\$ 8,427		\$ 124,598	\$ 8,427	\$ 124,598	\$ 8,427	
Dieppe Park AIR	Gas m3	2,969	\$ 1,217	\$ 2,969	Calculated Savings	\$ 2,969	\$ 1,217	\$ 2,969	\$ 1,217		\$ 2,969	\$ 1,217	\$ 2,969	\$ 1,217	
<b>Dieppe Park AIR Total</b>			\$ 9,644	\$ -		\$ -	\$ -	\$ 9,644	\$ 9,644		\$ -	\$ -	\$ 9,644	\$ 9,644	
Don Mills Civitan Arena	Electric kVa	247	\$ 1,454	\$ 3,015	Whole Building	\$ 513	\$ 3,015	\$ 513	\$ 3,015		\$ 373	\$ 3,033	\$ 373	\$ 3,033	
Don Mills Civitan Arena	Electric kW	48	\$ 191	\$ 2,162	Whole Building	\$ 353	\$ 2,162	\$ 353	\$ 2,162		\$ 230	\$ 1,413	\$ 230	\$ 1,413	
Don Mills Civitan Arena	Electric kWh	178,635	\$ 12,081	\$ 65,280	Whole Building	\$ 73,544	\$ 5,280	\$ 65,092	\$ 6,109	1	\$ 65,518	\$ 4,673	\$ 125,823	\$ 8,981	1
Don Mills Civitan Arena	Gas m3	22,488	\$ 9,220	\$ 54	Whole Building	\$ (700)	\$ 54	\$ -	\$ -	1	\$ 3,208	\$ 1,408	\$ 3,208	\$ 2,456	1
<b>Don Mills Civitan Arena Total</b>			\$ 22,946	\$ 10,511		\$ 10,511	\$ -	\$ 11,286	\$ 11,286		\$ 161	\$ 2,027	\$ 161	\$ 15,883	
Downsview Arena	Electric kVa	162	\$ 956	\$ (295)	Whole Building	\$ (50)	\$ (295)	\$ -	\$ -		\$ 161	\$ 2,027	\$ 161	\$ 2,027	
Downsview Arena	Electric kW	71	\$ 283	\$ 706	Whole Building	\$ 178	\$ 706	\$ 178	\$ 706		\$ 315	\$ 1,905	\$ 315	\$ 1,905	
Downsview Arena	Electric kWh	133,825	\$ 9,051	\$ 96,825	Whole Building	\$ 96,825	\$ 7,724	\$ 110,091	\$ 7,724		\$ 78,566	\$ 5,510	\$ 78,566	\$ 5,510	
Downsview Arena	Gas m3	12,123	\$ 4,970	\$ 25,184	Whole Building	\$ 25,184	\$ 10,467	\$ 25,184	\$ 10,467		\$ 21,480	\$ 10,091	\$ 21,480	\$ 10,091	
<b>Downsview Arena Total</b>			\$ 15,260	\$ 17,671		\$ 17,671	\$ -	\$ 18,897	\$ 18,897		\$ -	\$ -	\$ 19,533	\$ 19,533	
Dufferin Grove AIR	Electric kVa	-	\$ -	\$ -	Calculated Savings	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
Dufferin Grove AIR	Electric kW	-	\$ -	\$ -	Calculated Savings	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
Dufferin Grove AIR	Electric kWh	22,908	\$ 1,549	\$ 22,908	Calculated Savings	\$ 22,908	\$ 1,549	\$ 22,908	\$ 1,549		\$ 22,908	\$ 1,549	\$ 22,908	\$ 1,549	
Dufferin Grove AIR	Gas m3	6,909	\$ 2,833	\$ 6,909	Calculated Savings	\$ 6,909	\$ 2,833	\$ 6,909	\$ 2,833		\$ 6,909	\$ 2,833	\$ 6,909	\$ 2,833	
<b>Dufferin Grove AIR Total</b>			\$ 4,382	\$ -		\$ -	\$ -	\$ 4,382	\$ 4,382		\$ -	\$ -	\$ 4,382	\$ 4,382	
East York Curling Club	Electric kVa	131	\$ 774	\$ 1,036	Whole Building	\$ 131	\$ 1,036	\$ 131	\$ 1,036		\$ (92)	\$ (687)	\$ 131	\$ 774	1, BYA 12
East York Curling Club	Electric kW	24	\$ 97	\$ 863	Whole Building	\$ 216	\$ 863	\$ 216	\$ 863		\$ 224	\$ 1,209	\$ 224	\$ 1,209	
East York Curling Club	Electric kWh	102,038	\$ 6,901	\$ 6,901	Whole Building	\$ 102,038	\$ 6,901	\$ 102,038	\$ 6,901		\$ (57,916)	\$ (3,816)	\$ 102,038	\$ 6,901	1, BYA 12
East York Curling Club	Gas m3	13,839	\$ 5,674	\$ (4,240)	Whole Building	\$ (10,124)	\$ (4,240)	\$ 13,839	\$ 5,674	1, BYA 12	\$ (12,566)	\$ (5,285)	\$ 13,839	\$ 5,674	1, BYA 12
<b>East York Curling Club Total</b>			\$ 13,446	\$ (3,377)		\$ (3,377)	\$ -	\$ 14,211	\$ 14,211		\$ (8,559)	\$ (8,559)	\$ 14,567	\$ 14,567	
East York Memorial Arena	Electric kVa	259	\$ 1,528	\$ 1,21	Whole Building	\$ 121	\$ 1,036	\$ 259	\$ 1,528	BYA 11	\$ 87	\$ 519	\$ 259	\$ 1,528	BYA 11
East York Memorial Arena	Electric kW	86	\$ 346	\$ (174)	Whole Building	\$ (44)	\$ (174)	\$ 86	\$ 346	1, BYA 11	\$ (82)	\$ (328)	\$ 86	\$ 346	1, BYA 11
East York Memorial Arena	Electric kWh	171,133	\$ 11,574	\$ 2,040	Whole Building	\$ 29,478	\$ 2,040	\$ 171,133	\$ 11,574	1, BYA 11	\$ (15,593)	\$ (1,088)	\$ 171,133	\$ 11,574	1, BYA 11
East York Memorial Arena	Gas m3	7,459	\$ 3,058	\$ -	Calculated Savings	\$ -	\$ -	\$ 7,459	\$ 3,058		\$ 7,459	\$ 3,058	\$ 7,459	\$ 3,058	
<b>East York Memorial Arena Total</b>			\$ 16,508	\$ 2,902		\$ 2,902	\$ -	\$ 16,508	\$ 16,508		\$ (897)	\$ (897)	\$ 16,508	\$ 16,508	
Fenside Arena	Electric kVa	167	\$ 985	\$ 3,534	Whole Building	\$ 604	\$ 3,534	\$ 604	\$ 3,534		\$ 407	\$ 2,378	\$ 407	\$ 2,378	
Fenside Arena	Electric kW	24	\$ 95	\$ 1,266	Whole Building	\$ 317	\$ 1,266	\$ 317	\$ 1,266		\$ 183	\$ 726	\$ 183	\$ 726	
Fenside Arena	Electric kWh	112,736	\$ 7,624	\$ (4,984)	Whole Building	\$ (74,460)	\$ (4,984)	\$ 112,736	\$ 7,624		\$ (88,803)	\$ (6,088)	\$ 112,736	\$ 7,624	
Fenside Arena	Gas m3	7,521	\$ 3,084	\$ 986	Whole Building	\$ 1,268	\$ 986	\$ 1,268	\$ 986	1	\$ 1,582	\$ 1,021	\$ 1,582	\$ 1,021	
<b>Fenside Arena Total</b>			\$ 11,787	\$ 792		\$ 792	\$ -	\$ 5,788	\$ 5,788		\$ (1,963)	\$ (1,963)	\$ 4,125	\$ 4,125	
Flemingdon Arena	Electric kVa	221	\$ 1,305	\$ -	Calculated Savings	\$ -	\$ -	\$ 221	\$ 1,305		\$ 221	\$ 1,305	\$ 221	\$ 1,305	
Flemingdon Arena	Electric kW	31	\$ 123	\$ -	Calculated Savings	\$ -	\$ -	\$ 31	\$ 123		\$ 31	\$ 123	\$ 31	\$ 123	
Flemingdon Arena	Electric kWh	29,811	\$ 2,016	\$ -	Calculated Savings	\$ -	\$ -	\$ 29,811	\$ 2,016		\$ 29,811	\$ 2,016	\$ 29,811	\$ 2,016	
Flemingdon Arena	Gas m3	6,934	\$ 2,843	\$ 5,081	Whole Building	\$ 10,223	\$ 5,081	\$ 10,223	\$ 5,081		\$ 11,246	\$ 4,883	\$ 11,246	\$ 4,883	
<b>Flemingdon Arena Total</b>			\$ 6,267	\$ 5,081		\$ 5,081	\$ -	\$ 8,526	\$ 8,526		\$ -	\$ -	\$ 8,526	\$ 8,526	
George Bell Arena	Electric kVa	281	\$ 1,688	\$ -	Whole Building	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
George Bell Arena	Electric kW	59	\$ 235	\$ 253	Whole Building	\$ 63	\$ 253	\$ 63	\$ 253		\$ 232	\$ 928	\$ 232	\$ 928	
George Bell Arena	Electric kWh	171,175	\$ 11,577	\$ 11,342	Whole Building	\$ 166,155	\$ 11,342	\$ 166,155	\$ 11,342		\$ 258,386	\$ 20,632	\$ 258,386	\$ 20,632	
George Bell Arena	Gas m3	5,324	\$ 2,183	\$ -	Calculated Savings	\$ -	\$ -	\$ 5,324	\$ 2,183		\$ 5,324	\$ 2,183	\$ 5,324	\$ 2,183	
<b>George Bell Arena Total</b>			\$ 15,653	\$ 11,594		\$ 11,594	\$ -	\$ 13,778	\$ 13,778		\$ -	\$ -	\$ 21,560	\$ 21,560	
Giovanni Caboto AIR	Electric kVa	5	\$ 30	\$ -	Calculated Savings	\$ -	\$ -	\$ 5	\$ 30		\$ 5	\$ 30	\$ 5	\$ 30	
Giovanni Caboto AIR	Electric kW	5	\$ 19	\$ -	Calculated Savings	\$ -	\$ -	\$ 5	\$ 19		\$ 5	\$ 19	\$ 5	\$ 19	
Giovanni Caboto AIR	Electric kWh	38,553	\$ 2,607	\$ -	Calculated Savings	\$ -	\$ -	\$ 38,553	\$ 2,607		\$ 38,553	\$ 2,607	\$ 38,553	\$ 2,607	
Giovanni Caboto AIR	Gas m3	-	\$ -	\$ -	Calculated Savings	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	
<b>Giovanni Caboto AIR Total</b>			\$ 2,656	\$ -		\$ -	\$ -	\$ 2,656	\$ 2,656		\$ -	\$ -	\$ 2,656	\$ 2,656	
Glen Long C.C./ODP/Bocce/AIR	Electric kVa	334	\$ 1,972	\$ -	Calculated Savings	\$ -	\$ -	\$ 334	\$ 1,972		\$ 334	\$ 1,972	\$ 334	\$ 1,972	
Glen Long C.C./ODP/Bocce/AIR	Electric kW	156	\$ 625	\$ -	Calculated Savings	\$ -	\$ -	\$ 156	\$ 625		\$ 156	\$ 625	\$ 156	\$ 625	
Glen Long C.C./ODP/Bocce/AIR	Electric kWh	238,980	\$ 16,162	\$ -	Calculated Savings	\$ -	\$ -	\$ 238,980	\$ 16,162		\$ 238,980	\$ 16,162	\$ 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	\$ 1,859	\$ 1,558	\$ 3,843	\$ 1,963	1
<b>Glen Long C.C./ODP/Bocce/AIR Total</b>			\$ 27,795	\$ 1,073		\$ 1,073	\$ -	\$ 19,970	\$ 19,970		\$ -	\$ -	\$ 20,742	\$ 20,742	
Gord & Irene Risk C.C./Arenal/ODP/Bocce	Electric kVa	336	\$ 1,982	\$ 4,490	Whole Building	\$ 763	\$ 4,490	\$ 763	\$ 4,490		\$ 794	\$ 4,673	\$ 794	\$ 4,673	
Gord & Irene Risk C.C./Arenal/ODP/Bocce	Electric kW	135	\$ 539	\$ 3,745	Whole Building	\$ 937	\$ 3,745	\$ 937	\$ 3,745		\$ 970	\$ 3,911	\$ 970	\$ 3,911	
Gord & Irene Risk C.C./Arenal/ODP/Bocce	Electric kWh	284,207	\$ 19,221	\$ 22,526	Whole Building	\$ 312,312	\$ 22,526	\$ 312,312	\$ 22,526	BYA 16	\$ 364,136	\$ 26,124	\$ 364,136	\$ 26,124	
Gord & Irene Risk C.C./Arenal/ODP/Bocce	Gas m3	12,815	\$ 5,254	\$ (7,360)	Whole Building	\$ (18,057)	\$ (7,360)	\$ 12,815	\$ 5,254	1, BYA 16	\$ (11,907)	\$ (4,834)	\$ 12,815	\$ 5,254	1, BYA 16
<b>Gord &amp; Irene Risk C.C./Arenal/ODP/Bocce Total</b>			\$ 26,995	\$ 23,372		\$ 23,372	\$ -	\$ 36,015	\$ 36,015		\$ 28,774	\$ 28,774	\$ 39,962	\$ 39,962	
Goulding Park C.C./Arenal/ODP	Electric kVa	52	\$ 307	\$ 1,782	Whole Building	\$ 301	\$ 1,782	\$ 301	\$ 1,782		\$ 284	\$ 1,682	\$ 284	\$ 1,682	
Goulding Park C.C./Arenal/ODP	Electric kW	49	\$ 198	\$ 285	Whole Building	\$ 72	\$ 285	\$ 72	\$ 285		\$ 58	\$ 229	\$ 58	\$ 229	
Goulding Park C.C./Arenal/ODP	Electric kWh	43,873	\$ 2,967	\$ 5,375	Whole Building	\$ 73,810	\$ 5,375	\$ 73,810	\$ 5,375		\$ 87,835	\$ 6,392	\$ 87,835	\$ 6,392	



Building Name	Meter	Units	Annual Estimate Savings	MAV Method	04 Metered Savings	04 Actual Savings	Note	06 Metered Savings	06 Actual Savings	Note
			Enervy		Enervy	Enervy		Enervy	Enervy	
			Cost		Cost	Cost		Cost	Cost	
Goulding Park C.C./Arena/ODP	Gas	m3	6,028	Whole Building	18,453	18,453		10,293	10,293	
<b>Goulding Park C.C./Arena/ODP Total</b>			\$ 5,943		\$ 15,377	\$ 15,377		\$ 12,518	\$ 12,518	
Grandravine C.C./Arena/ODP/Bocce	Electric	kVa	304	Calculated Savings		304			304	
Grandravine C.C./Arena/ODP/Bocce	Electric	kW	125	Calculated Savings		125			125	
Grandravine C.C./Arena/ODP/Bocce	Electric	kWh	80,735	Calculated Savings		80,735			80,735	
Grandravine C.C./Arena/ODP/Bocce	Gas	m3	2,776	Calculated Savings		2,776			2,776	
<b>Grandravine C.C./Arena/ODP/Bocce Total</b>			\$ 8,894		\$ -	\$ 8,894		\$ -	\$ 8,894	
Greenwood AIR	Electric	kVa	-	Calculated Savings		-			-	
Greenwood AIR	Electric	kW	-	Calculated Savings		-			-	
Greenwood AIR	Electric	kWh	7,740	Calculated Savings		7,740			7,740	
Greenwood AIR	Gas	m3	5,971	Calculated Savings		5,971			5,971	
<b>Greenwood AIR Total</b>			\$ 2,972		\$ -	\$ 2,972		\$ -	\$ 2,972	
Habitant Arena	Electric	kVa	285	Whole Building	238	285	BYA 5	81	285	BYA 5
Habitant Arena	Electric	kW	31	Whole Building	(16)	31	1, BYA 5	(169)	31	1, BYA 5
Habitant Arena	Electric	kWh	86,798	Whole Building	(34,124)	86,798	1, BYA 5	20,866	86,798	1, BYA 5
Habitant Arena	Gas	m3	7,255	Whole Building	1,106	7,255	BYA 5	(339)	7,255	BYA 5
<b>Habitant Arena Total</b>			\$ 10,652		\$ (720)	\$ 10,652		\$ 1,383	\$ 10,652	
Harry R. Gairey AIR	Electric	kVa	-	Calculated Savings		-			-	
Harry R. Gairey AIR	Electric	kW	-	Calculated Savings		-			-	
Harry R. Gairey AIR	Electric	kWh	623	Calculated Savings		623			623	
Harry R. Gairey AIR	Gas	m3	8,688	Calculated Savings		8,688			8,688	
<b>Harry R. Gairey AIR Total</b>			\$ 3,624		\$ -	\$ 3,624		\$ -	\$ 3,624	
Herbert H. Carnegie Centennial Centre Arena	Electric	kVa	577	Whole Building	493	577	BYA 7	524	577	BYA 7
Herbert H. Carnegie Centennial Centre Arena	Electric	kW	141	Whole Building	28	141	BYA 7	57	141	BYA 7
Herbert H. Carnegie Centennial Centre Arena	Electric	kWh	225,711	Whole Building	57,619	225,711	BYA 7	81,639	225,711	BYA 7
Herbert H. Carnegie Centennial Centre Arena	Gas	m3	30,492	Whole Building	(12,888)	30,492	1, BYA 7	(19,221)	30,492	1, BYA 7
<b>Herbert H. Carnegie Centennial Centre Arena Total</b>			\$ 31,736		\$ 1,874	\$ 31,736		\$ 1,664	\$ 31,736	
Heron Park C.C./Arena/ODP	Electric	kVa	328	Whole Building	315	315		385	315	
Heron Park C.C./Arena/ODP	Electric	kW	126	Whole Building	20	126		83	126	
Heron Park C.C./Arena/ODP	Electric	kWh	293,973	Whole Building	358,339	293,973		364,843	293,973	
Heron Park C.C./Arena/ODP	Gas	m3	23,246	Whole Building	42,755	23,246		43,750	23,246	
<b>Heron Park C.C./Arena/ODP Total</b>			\$ 31,853		\$ 44,865	\$ 31,853		\$ 45,427	\$ 31,853	
High Park AIR (#4 & #5)	Electric	kVa	0	Calculated Savings		0			0	
High Park AIR (#4 & #5)	Electric	kW	0	Calculated Savings		0			0	
High Park AIR (#4 & #5)	Electric	kWh	13,208	Calculated Savings		13,208			13,208	
High Park AIR (#4 & #5)	Gas	m3	20,301	Calculated Savings		20,301			20,301	
<b>High Park AIR (#4 &amp; #5) Total</b>			\$ 9,219		\$ -	\$ 9,219		\$ -	\$ 9,219	
Hodgson AIR	Electric	kVa	-	Calculated Savings		-			-	
Hodgson AIR	Electric	kW	-	Calculated Savings		-			-	
Hodgson AIR	Electric	kWh	51,139	Calculated Savings		51,139			51,139	
Hodgson AIR	Gas	m3	3,105	Calculated Savings		3,105			3,105	
<b>Hodgson AIR Total</b>			\$ 6,327		\$ -	\$ 6,327		\$ -	\$ 6,327	
Humber Valley AIR	Electric	kVa	3	Calculated Savings		3			3	
Humber Valley AIR	Electric	kW	3	Calculated Savings		3			3	
Humber Valley AIR	Electric	kWh	23,603	Calculated Savings		23,603			23,603	
Humber Valley AIR	Gas	m3	1,576	Calculated Savings		1,576			1,576	
<b>Humber Valley AIR Total</b>			\$ 2,275		\$ -	\$ 2,275		\$ -	\$ 2,275	
Irving W. Chapley C.C./AIR	Electric	kVa	1	Calculated Savings		1			1	
Irving W. Chapley C.C./AIR	Electric	kW	1	Calculated Savings		1			1	
Irving W. Chapley C.C./AIR	Electric	kWh	51,785	Calculated Savings		51,785			51,785	
Irving W. Chapley C.C./AIR	Gas	m3	4,198	Whole Building		4,112			4,112	
<b>Irving W. Chapley C.C./AIR Total</b>			\$ 5,235		\$ -	\$ 5,235		\$ 2,189	\$ 5,235	
Jimmie Simpson AIR	Electric	kVa	234	Calculated Savings		234			234	
Jimmie Simpson AIR	Electric	kW	(2)	Calculated Savings		(2)			(2)	
Jimmie Simpson AIR	Electric	kWh	52,314	Calculated Savings		52,314			52,314	
Jimmie Simpson AIR	Gas	m3	48,815	Calculated Savings		48,815			48,815	
<b>Jimmie Simpson AIR Total</b>			\$ 24,928		\$ -	\$ 24,928		\$ -	\$ 24,928	
John Booth Mem. Arena/Bocce	Electric	kVa	169	Whole Building	64	169	1, BYA 6	47	169	1, BYA 6
John Booth Mem. Arena/Bocce	Electric	kW	39	Whole Building	23	39	1, BYA 6	20	39	1, BYA 6
John Booth Mem. Arena/Bocce	Electric	kWh	94,354	Whole Building	49,176	94,354	BYA 6	48,897	94,354	BYA 6
John Booth Mem. Arena/Bocce	Gas	m3	9,081	Whole Building	11,521	9,081		13,381	9,081	
<b>John Booth Mem. Arena/Bocce Total</b>			\$ 11,256		\$ 8,810	\$ 11,256		\$ 12,595	\$ 11,256	
Kew Gardens AIR	Electric	kVa	-	Calculated Savings		-			-	
Kew Gardens AIR	Electric	kW	-	Calculated Savings		-			-	
Kew Gardens AIR	Electric	kWh	22,825	Calculated Savings		22,825			22,825	
Kew Gardens AIR	Gas	m3	1,825	Calculated Savings		1,825			1,825	
<b>Kew Gardens AIR Total</b>			\$ 2,292		\$ -	\$ 2,292		\$ -	\$ 2,292	
Lambton Kingsway AIR	Electric	kVa	2	Calculated Savings		2			2	
Lambton Kingsway AIR	Electric	kW	2	Calculated Savings		2			2	
Lambton Kingsway AIR	Electric	kWh	31,531	Calculated Savings		31,531			31,531	
Lambton Kingsway AIR	Gas	m3	-	Calculated Savings		-			-	
<b>Lambton Kingsway AIR Total</b>			\$ 2,149		\$ -	\$ 2,149		\$ -	\$ 2,149	
Lambton Park Arena	Electric	kVa	313	Whole Building	516	313		345	313	
<b>Lambton Park Arena Total</b>			\$ 1,847		\$ 3,033	\$ 1,847		\$ 2,041	\$ 1,847	

Building Name	Meter	Units	Annual Estimate Savings Energy	Cost	MAV Method	Q1 Metered Savings Energy	Cost	Q4 Actual Savings Energy	Cost	Note	Q6 Metered Savings Energy	Cost	Q6 Actual Savings Energy	Cost	Note
Lambton Park Arena	Electric kW	99	\$ 396	Whole Building	285	\$ 1,142	285	\$ 1,142	285		123	\$ 484	123	\$ 484	
Lambton Park Arena	Electric kWh	145,478	\$ 9,839	Whole Building	78,096	\$ 5,003	105,390	\$ 6,751	186,196	1	186,196	\$ 12,457	186,196	\$ 12,457	
Lambton Park Arena	Gas m3	7,088	\$ 2,905	Calculated Savings			7,088	\$ 2,905				\$ 7,085		\$ 2,905	
<b>Lambton Park Arena Total</b>			\$ 14,986			\$ 9,178		\$ 13,831			\$ 14,982		\$ 17,897		
Leaside Curling Club	Electric kVA	-	\$ -	Whole Building											
Leaside Curling Club	Electric kW	-	\$ -	Whole Building											
Leaside Curling Club	Electric kWh	111,689	\$ 11,039	Whole Building	55,939	\$ 5,500	55,939	\$ 5,500	58,461		58,461	\$ 4,204	58,461	\$ 4,204	
Leaside Curling Club	Gas m3	10,057	\$ 4,123	Whole Building											
<b>Leaside Curling Club Total</b>			\$ 15,163			\$ 5,500		\$ 5,500			\$ 4,204		\$ 4,204		
Ledbury C.C./ODP/AIR	Electric kVA	2	\$ 6	Calculated Savings	2	\$ 2	2	\$ 2	2		2	\$ 2	2	\$ 2	10
Ledbury C.C./ODP/AIR	Electric kW	2	\$ 6	Calculated Savings											6
Ledbury C.C./ODP/AIR	Electric kWh	5,101	\$ 345	Calculated Savings	3,225	\$ 1,419	5,101	\$ 345	5,101		2,199	\$ 834	5,101	\$ 345	345
Ledbury C.C./ODP/AIR	Gas m3	3,805	\$ 1,560	Whole Building			3,225	\$ 1,419				\$ 934	2,199	\$ 834	934
<b>Ledbury C.C./ODP/AIR Total</b>			\$ 1,921			\$ 1,419		\$ 1,780			\$ 934		\$ 1,295		
Long Branch Arena	Electric kVA	263	\$ 1,554	Whole Building	237	\$ 1,378	296	\$ 1,746	205		205	\$ 1,209	205	\$ 1,209	
Long Branch Arena	Electric kW	29	\$ 115	Whole Building	441	\$ 1,779	441	\$ 1,779	441		260	\$ 1,052	260	\$ 1,052	
Long Branch Arena	Electric kWh	77,627	\$ 5,250	Whole Building	35,212	\$ 2,687	90,094	\$ 6,876	33,181	1	33,181	\$ 2,164	33,181	\$ 2,164	
Long Branch Arena	Gas m3	9,724	\$ 3,987	Whole Building	7,541	\$ 3,819	7,541	\$ 3,819	9,312		4,701	\$ 9,312	4,701	\$ 9,312	
<b>Long Branch Arena Total</b>			\$ 10,906			\$ 9,684		\$ 14,220			\$ 13,737		\$ 13,737		
Malvern C.R.C./Arena	Electric kVA	659	\$ 3,886	Whole Building	498	\$ 2,932	659	\$ 3,886	17		17	\$ 94	659	\$ 3,886	BYA 4
Malvern C.R.C./Arena	Electric kW	107	\$ 428	Whole Building	(164)	\$ (660)	107	\$ 428	(572)		(572)	\$ (2,296)	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	(249,147)		(249,147)	\$ (17,833)	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	27,483		27,483	\$ 11,431	48,255	\$ 19,784	BYA 4
<b>Malvern C.R.C./Arena Total</b>			\$ 48,688			\$ 6,086		\$ 48,688			\$ (8,604)		\$ 48,688		
Marlborough AIR	Electric kVA	9	\$ 55	Calculated Savings			9	\$ 55					9	\$ 55	
Marlborough AIR	Electric kW	20,767	\$ 1,404	Calculated Savings			20,767	\$ 1,404					20,767	\$ 1,404	
Marlborough AIR	Gas m3	4,171	\$ 1,710	Calculated Savings			4,171	\$ 1,710					4,171	\$ 1,710	
<b>Marlborough AIR Total</b>			\$ 3,205			\$ -		\$ 3,205			\$ -		\$ 3,205		
McGregor C.C./Arena	Electric kVA	429	\$ 2,336	Whole Building	395	\$ 2,336	429	\$ 2,336	681		681	\$ 4,024	681	\$ 4,024	BYA 13
McGregor C.C./Arena	Electric kW	59	\$ 236	Whole Building	(108)	\$ (419)	59	\$ 236	236		153	\$ 612	59	\$ 236	1, BYA 13
McGregor C.C./Arena	Electric kWh	253,011	\$ 17,111	Whole Building	228,985	\$ 16,213	253,011	\$ 17,111	228,939		228,939	\$ 16,410	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	16,322		20,230	\$ 8,469	16,322	\$ 8,469	
<b>McGregor C.C./Arena Total</b>			\$ 28,376			\$ 24,625		\$ 26,623			\$ 29,515		\$ 30,216		
Mid Scarborough C.C./Arena	Electric kVA	704	\$ 4,153	Whole Building	1,078	\$ 6,360	1,078	\$ 6,360	1,273		1,273	\$ 7,517	1,273	\$ 7,517	
Mid Scarborough C.C./Arena	Electric kW	217	\$ 866	Whole Building	426	\$ 1,705	426	\$ 1,705	621		621	\$ 2,488	621	\$ 2,488	
Mid Scarborough C.C./Arena	Electric kWh	363,126	\$ 24,556	Whole Building	549,412	\$ 39,147	549,412	\$ 39,147	385,148		385,148	\$ 28,298	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	(3,574)	1	(3,574)	\$ (1,408)		\$ -	1
<b>Mid Scarborough C.C./Arena Total</b>			\$ 47,210			\$ 49,027		\$ 49,027			\$ 36,895		\$ 38,303		
Mimico Arena	Electric kVA	125	\$ 737	Calculated Savings			125	\$ 737					125	\$ 737	
Mimico Arena	Electric kW	42	\$ 166	Calculated Savings			42	\$ 166					42	\$ 166	
Mimico Arena	Gas m3	75,345	\$ 5,096	Calculated Savings			75,345	\$ 5,096					75,345	\$ 5,096	
<b>Mimico Arena Total</b>			\$ 9,265			\$ 4,141		\$ 9,183			\$ 4,548		\$ 9,751		
Mitchell Field C.C./Arena	Electric kVA	342	\$ 2,020	Whole Building	500	\$ 2,950	567	\$ 3,345	483		483	\$ 2,844	567	\$ 3,345	BYA 15
Mitchell Field C.C./Arena	Electric kW	82	\$ 328	Whole Building	233	\$ 935	233	\$ 935	286		286	\$ 1,147	233	\$ 935	1, BYA 15
Mitchell Field C.C./Arena	Electric kWh	182,505	\$ 12,343	Whole Building	88,832	\$ 6,440	182,505	\$ 12,343	148,078		148,078	\$ 10,544	182,505	\$ 12,343	1, BYA 15
Mitchell Field C.C./Arena	Gas m3	1,819	\$ 664	Calculated Savings			1,619	\$ 535	664		664	\$ 1,619		\$ 664	
<b>Mitchell Field C.C./Arena Total</b>			\$ 15,354			\$ 10,325		\$ 17,286			\$ 14,535		\$ 16,988		
Monarch Park AIR	Electric kVA	-	\$ -	Calculated Savings				\$ -						\$ -	
Monarch Park AIR	Electric kW	-	\$ -	Calculated Savings				\$ -						\$ -	
Monarch Park AIR	Gas m3	80,335	\$ 7,939	Calculated Savings			80,335	\$ 7,939					80,335	\$ 7,939	
<b>Monarch Park AIR Total</b>			\$ 7,939			\$ -		\$ 7,939			\$ -		\$ 7,939		
Orléans C.R.C./Arena/ODP	Electric kVA	553	\$ 3,265	Whole Building	716	\$ 4,219	716	\$ 4,219	795		795	\$ 4,691	795	\$ 4,691	
Orléans C.R.C./Arena/ODP	Electric kW	116	\$ 465	Whole Building	198	\$ 785	198	\$ 785	277		277	\$ 1,104	198	\$ 785	
Orléans C.R.C./Arena/ODP	Electric kWh	414,135	\$ 28,006	Whole Building	273,221	\$ 19,516	414,135	\$ 28,006	299,867		299,867	\$ 21,570	414,135	\$ 28,006	
Orléans C.R.C./Arena/ODP	Gas m3	23,887	\$ 9,794	Whole Building	61	\$ (56)	(56)	\$ (56)	10,492	1	10,492	\$ 4,327	10,492	\$ 4,327	
<b>Orléans C.R.C./Arena/ODP Total</b>			\$ 41,532			\$ 24,464		\$ 25,064			\$ 31,692		\$ 31,692		
Other Creek AIR	Electric kVA	-	\$ -	Whole Building				\$ -						\$ -	
Other Creek AIR	Electric kW	-	\$ -	Whole Building				\$ -						\$ -	
Other Creek AIR	Gas m3	60,263	\$ 4,076	Whole Building	149,878	\$ 14,812	155,329	\$ 15,351	173,018	1	173,018	\$ 12,507	173,018	\$ 12,507	
<b>Other Creek AIR Total</b>			\$ 4,076			\$ 14,812		\$ 15,351			\$ 12,507		\$ 12,507		
Park Lawn (Bubble) AIR	Electric kVA	115	\$ 678	Calculated Savings			115	\$ 678					115	\$ 678	
Park Lawn (Bubble) AIR	Electric kW	12	\$ 50	Calculated Savings			12	\$ 50					12	\$ 50	
Park Lawn (Bubble) AIR	Electric kWh	49,227	\$ 3,329	Calculated Savings			49,227	\$ 3,329					49,227	\$ 3,329	
Park Lawn (Bubble) AIR	Gas m3	10,701	\$ 4,387	Calculated Savings			10,701	\$ 4,387					10,701	\$ 4,387	
<b>Park Lawn (Bubble) AIR Total</b>			\$ 8,445			\$ -		\$ 8,445			\$ -		\$ 8,445		
Phil White Arena	Electric kVA	257	\$ 1,514	Whole Building	380	\$ 2,248	380	\$ 2,248	404		404	\$ 2,390	404	\$ 2,390	
Phil White Arena	Electric kW	70	\$ 281	Whole Building	370	\$ 1,472	370	\$ 1,472	385		385	\$ 1,536	370	\$ 1,536	
Phil White Arena	Electric kWh	109,462	\$ 7,403	Whole Building	168,288	\$ 15,257	168,288	\$ 15,257	137,176		137,176	\$ 10,356	168,288	\$ 15,257	
Phil White Arena	Gas m3	1,355	\$ 556	Whole Building	1,936	\$ 766	2,548	\$ 1,008	2,548	1	2,548	\$ 6,336	2,548	\$ 6,336	



Building Name	Meter	Units	Annual Estimate Savings		MAV Method	Q4 Metered Savings		Q4 Actual Savings		Note	Q6 Metered Savings		Q6 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost		Energy	Cost	Energy	Cost	
<b>Phil White Arena Total</b>															
Pine Point Arena	Electric	kVa	284	\$ 1,497	Whole Building	689	\$ 4,053	689	\$ 4,053		867	\$ 5,104	867	\$ 5,104	
Pine Point Arena	Electric	kWh	33	\$ 131	Whole Building	423	\$ 1,693	423	\$ 1,693		607	\$ 2,432	607	\$ 2,432	
Pine Point Arena	Electric	kWh	141,323	\$ 9,558	Whole Building	35,807	\$ 2,072	35,807	\$ 2,072		13,940	\$ 505	13,940	\$ 505	
Pine Point Arena	Gas	m3	1,673	\$ 666	Whole Building	(4,335)	\$ (1,571)	-	\$ -	1	(35,617)	\$ (7,493)	-	\$ -	1
<b>Pine Point Arena Total</b>															
Pine Point Arena	Electric	kVa	199	\$ 1,173	Whole Building	239	\$ 1,417	263	\$ 1,489	1, BYA 2	229	\$ 1,356	199	\$ 1,173	1, BYA 2
Pine Point Arena	Electric	kWh	103	\$ 412	Whole Building	207	\$ 828	207	\$ 828	1, BYA 2	176	\$ 708	103	\$ 412	1, BYA 2
Pine Point Arena	Electric	kWh	179,569	\$ 12,144	Whole Building	146,449	\$ 9,935	179,569	\$ 12,144	BYA 2	157,969	\$ 10,964	179,569	\$ 12,144	BYA 2
Pine Point Arena	Gas	m3	46,715	\$ 19,153	Whole Building	28,794	\$ 12,301	46,715	\$ 19,153	BYA 2	31,388	\$ 12,875	46,715	\$ 19,153	BYA 2
<b>Pleasantview C.C. &amp; Arena/ODP/Bocce Total</b>															
Pleasantview C.C. & Arena/ODP/Bocce	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Pleasantview C.C. & Arena/ODP/Bocce	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Pleasantview C.C. & Arena/ODP/Bocce	Gas	m3	328	\$ 134	Calculated Savings	-	\$ -	328	\$ 134		-	\$ -	328	\$ 134	
<b>Prince of Wales AIR Total</b>															
Queensway AIR	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Queensway AIR	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Queensway AIR	Gas	m3	14,964	\$ 1,479	Calculated Savings	14,964	\$ 1,479	14,964	\$ 1,479		14,964	\$ 1,479	14,964	\$ 1,479	
Queensway AIR Total															
Queensway AIR	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Queensway AIR	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Queensway AIR	Gas	m3	1,091	\$ 447	Calculated Savings	1,091	\$ 447	1,091	\$ 447		1,091	\$ 447	1,091	\$ 447	
<b>Ramsden AIR Total</b>															
Ramsden AIR	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Ramsden AIR	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Ramsden AIR	Gas	m3	22,004	\$ 1,488	Calculated Savings	22,004	\$ 1,488	22,004	\$ 1,488		22,004	\$ 1,488	22,004	\$ 1,488	
<b>Regent Park North AIR Total</b>															
Regent Park North AIR	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Regent Park North AIR	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Regent Park North AIR	Gas	m3	60,211	\$ 4,072	Calculated Savings	60,211	\$ 4,072	60,211	\$ 4,072		60,211	\$ 4,072	60,211	\$ 4,072	
<b>Regent Park South AIR Total</b>															
Regent Park South AIR	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Regent Park South AIR	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Regent Park South AIR	Gas	m3	58,634	\$ 3,965	Calculated Savings	58,634	\$ 3,965	58,634	\$ 3,965		58,634	\$ 3,965	58,634	\$ 3,965	
<b>Regent Park South AIR Total</b>															
Regent Park South AIR	Electric	kVa	6	\$ 35	Calculated Savings	6	\$ 35	6	\$ 35		6	\$ 35	6	\$ 35	
Regent Park South AIR	Electric	kWh	6	\$ 23	Calculated Savings	6	\$ 23	6	\$ 23		6	\$ 23	6	\$ 23	
Regent Park South AIR	Gas	m3	58,352	\$ 3,946	Calculated Savings	58,352	\$ 3,946	58,352	\$ 3,946		58,352	\$ 3,946	58,352	\$ 3,946	
<b>Rennie Park AIR Total</b>															
Rennie Park AIR	Electric	kVa	1	\$ 4,004	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Rennie Park AIR	Electric	kWh	1	\$ 7	Calculated Savings	1	\$ 7	1	\$ 7		1	\$ 7	1	\$ 7	
Rennie Park AIR	Gas	m3	23,784	\$ 1,608	Calculated Savings	23,784	\$ 1,608	23,784	\$ 1,608		23,784	\$ 1,608	23,784	\$ 1,608	
<b>Riverdale Park AIR Total</b>															
Riverdale Park AIR	Electric	kVa	-	\$ -	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		8,239	\$ 3,378	8,239	\$ 3,378	
<b>Rosedale Park AIR Total</b>															
Roding C.C./Arena/ODP	Electric	kVa	174	\$ 1,028	Whole Building	532	\$ 3,127	532	\$ 3,127		473	\$ 2,785	473	\$ 2,785	
Roding C.C./Arena/ODP	Electric	kWh	50	\$ 200	Whole Building	389	\$ 1,557	389	\$ 1,557		364	\$ 1,456	364	\$ 1,456	
Roding C.C./Arena/ODP	Gas	m3	101,845	\$ 6,888	Whole Building	259,862	\$ 18,673	259,862	\$ 18,673		229,104	\$ 16,986	229,104	\$ 16,986	
<b>Roding C.C./Arena/ODP Total</b>															
Roding C.C./Arena/ODP	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	(628)	\$ (258)		-	\$ -	(628)	\$ (258)	
Roding C.C./Arena/ODP	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Roding C.C./Arena/ODP	Gas	m3	7,859	\$ 3,127	Calculated Savings	23,357	\$ 9,357	23,357	\$ 9,357		21,207	\$ 8,239	21,207	\$ 8,239	
<b>Rosedale Park AIR Total</b>															
Rosedale Park AIR	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Rosedale Park AIR	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Rosedale Park AIR	Gas	m3	16,555	\$ 1,120	Calculated Savings	16,555	\$ 1,120	16,555	\$ 1,120		16,555	\$ 1,120	16,555	\$ 1,120	
<b>Rosedale Park AIR Total</b>															
Rosedale Park AIR	Electric	kVa	3	\$ 16	Calculated Savings	3	\$ 16	3	\$ 16		3	\$ 16	3	\$ 16	
Rosedale Park AIR	Electric	kWh	3	\$ 10	Calculated Savings	3	\$ 10	3	\$ 10		3	\$ 10	3	\$ 10	
Rosedale Park AIR	Gas	m3	40,174	\$ 2,717	Calculated Savings	40,174	\$ 2,717	40,174	\$ 2,717		40,174	\$ 2,717	40,174	\$ 2,717	
<b>Royalcrest AIR Total</b>															
Royalcrest AIR	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Royalcrest AIR	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Royalcrest AIR	Gas	m3	2,743	\$ 1,284	Calculated Savings	2,743	\$ 1,284	2,743	\$ 1,284		2,743	\$ 1,284	2,743	\$ 1,284	
<b>Ryerson AIR Total</b>															
Ryerson AIR	Electric	kVa	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Ryerson AIR	Electric	kWh	-	\$ -	Calculated Savings	-	\$ -	-	\$ -		-	\$ -	-	\$ -	
Ryerson AIR	Gas	m3	12,989	\$ 1,284	Calculated Savings	12,989	\$ 1,284	12,989	\$ 1,284		12,989	\$ 1,284	12,989	\$ 1,284	
<b>Scarborough Gardens Arena</b>															
Scarborough Gardens Arena	Electric	kVa	328	\$ 1,935	Whole Building	172	\$ 1,021	328	\$ 1,935	BYA 8	354	\$ 2,089	328	\$ 1,935	BYA 8
Scarborough Gardens Arena	Electric	kWh	46	\$ 186	Whole Building	(19)	\$ (72)	46	\$ 186	1, BYA 8	152	\$ 608	46	\$ 186	1, BYA 8

Building Name	Meter	Units	Annual Estimate	MAV Method	Q4 Metered Savings	Q4 Actual Savings	Q6 Metered Savings	Q6 Actual Savings	Note
			Energy		Energy	Energy	Energy	Energy	
			Cost		Cost	Cost	Cost	Cost	
			Savings		Savings	Savings	Savings	Savings	
Scarborough Gardens Arena	Electric	kWh	11,228	Whole Building	157,687	177,244	12,816	166,026	BYA 8
Scarborough Gardens Arena	Gas	m3	6,502	Whole Building	7,423	15,859	6,502	15,859	BYA 8
Scarborough Gardens Arena Total			\$ 19,851		\$ 15,348	\$ 21,439	\$ 24,365	\$ 19,851	
Scarborough Village C.C./Arena	Electric	kVa	560	Whole Building	770	770	945	945	
Scarborough Village C.C./Arena	Electric	kW	138	Whole Building	248	248	408	408	
Scarborough Village C.C./Arena	Electric	kWh	254,840	Whole Building	393,899	393,899	430,818	430,818	
Scarborough Village C.C./Arena	Gas	m3	21,204	Whole Building	(1,994)	(448)	(2,208)	(2,208)	
Scarborough Village C.C./Arena Total			\$ 23,901		\$ 33,376	\$ 33,823	\$ 36,344	\$ 38,552	1
Sir Adam Beck AIR	Electric	kVa	5	Calculated Savings		5		5	
Sir Adam Beck AIR	Electric	kW	5	Calculated Savings		5		5	
Sir Adam Beck AIR	Electric	kWh	12,749	Calculated Savings	862	862	12,749	862	
Sir Adam Beck AIR	Gas	m3	2,056	Calculated Savings		2,056		2,056	
Sir Adam Beck AIR Total			\$ 1,754		\$ -	\$ 1,754	\$ -	\$ 1,754	
Summerlea AIR	Electric	kVa	4	Calculated Savings		4		4	
Summerlea AIR	Electric	kW	3	Calculated Savings		3		3	
Summerlea AIR	Electric	kWh	27,684	Calculated Savings	1,872	1,872	27,684	1,872	
Summerlea AIR	Gas	m3	-	Calculated Savings		-		-	
Summerlea AIR Total			\$ 1,908		\$ -	\$ 1,908	\$ -	\$ 1,908	
Sunnydale Acres AIR	Electric	kVa	8	Calculated Savings		8		8	
Sunnydale Acres AIR	Electric	kW	7	Calculated Savings		7		7	
Sunnydale Acres AIR	Electric	kWh	24,635	Calculated Savings	1,666	1,666	24,635	1,666	
Sunnydale Acres AIR	Gas	m3	4,417	Calculated Savings		4,417		4,417	
Sunnydale Acres AIR Total			\$ 3,553		\$ -	\$ 3,553	\$ -	\$ 3,553	
Tam Heather Curling Club	Electric	kVa	256	Whole Building	241	256	239	256	BYA 9
Tam Heather Curling Club	Electric	kW	78	Whole Building	9	35	(18)	(73)	1, BYA 9
Tam Heather Curling Club	Electric	kWh	140,151	Whole Building	96,290	7,292	122,249	140,151	BYA 9
Tam Heather Curling Club	Gas	m3	3,432	Calculated Savings		3,432		3,432	
Tam Heather Curling Club Total			\$ 12,707		\$ 8,755	\$ 12,707	\$ 10,511	\$ 12,707	
Ted Reeve Arena	Electric	kVa	243	Whole Building	158	158	34	189	
Ted Reeve Arena	Electric	kW	46	Whole Building	14	64	(106)	(106)	
Ted Reeve Arena	Electric	kWh	379,825	Whole Building	60,518	4,269	379,825	379,825	
Ted Reeve Arena	Gas	m3	827	Whole Building	(9,886)	(3,616)	(6,100)	(2,389)	
Ted Reeve Arena Total			\$ 6,000	Calculated Savings		\$ 6,000	\$ -	\$ 6,000	3
Ted Reeve Arena Total			\$ 33,645		\$ 1,649	\$ 33,023	\$ 343	\$ 31,796	
Trinity Belwoods AIR	Electric	kVa	-	Calculated Savings		-		-	
Trinity Belwoods AIR	Electric	kW	-	Calculated Savings		-		-	
Trinity Belwoods AIR	Electric	kWh	23,833	Calculated Savings		23,833		23,833	
Trinity Belwoods AIR	Gas	m3	-	Calculated Savings		-		-	
Trinity Belwoods AIR Total			\$ 1,612		\$ -	\$ 1,612	\$ -	\$ 1,612	
Valleyfield AIR	Electric	kVa	-	Calculated Savings		-		-	
Valleyfield AIR	Electric	kW	-	Calculated Savings		-		-	
Valleyfield AIR	Electric	kWh	32,681	Calculated Savings		32,681		32,681	
Valleyfield AIR	Gas	m3	-	Calculated Savings		-		-	
Valleyfield AIR Total			\$ 3,230		\$ -	\$ 3,230	\$ -	\$ 3,230	
Victoria Village Arena	Electric	kVa	116	Whole Building	602	602	296	296	
Victoria Village Arena	Electric	kW	110	Whole Building	589	589	360	360	
Victoria Village Arena	Electric	kWh	172,323	Whole Building	148,126	11,305	122,456	122,456	
Victoria Village Arena	Gas	m3	13,685	Whole Building					
Victoria Village Arena Total			\$ 18,388		\$ 17,477	\$ 17,477	\$ 13,151	\$ 13,151	
Wallace Emerson AIR	Electric	kVa	373	Calculated Savings		373		373	
Wallace Emerson AIR	Electric	kW	-	Calculated Savings		-		-	
Wallace Emerson AIR	Electric	kWh	14,147	Calculated Savings		14,147		14,147	
Wallace Emerson AIR	Gas	m3	-	Calculated Savings		-		-	
Wallace Emerson AIR Total			\$ 3,158		\$ -	\$ 2,449	\$ -	\$ 2,449	
Wedgewood AIR	Electric	kVa	-	Calculated Savings		-		-	
Wedgewood AIR	Electric	kW	-	Calculated Savings		-		-	
Wedgewood AIR	Electric	kWh	13,477	Calculated Savings		13,477		13,477	
Wedgewood AIR	Gas	m3	1,455	Calculated Savings		1,455		1,455	
Wedgewood AIR Total			\$ 1,928		\$ -	\$ 1,928	\$ -	\$ 1,928	
West Mall AIR	Electric	kVa	13	Calculated Savings		13		13	
West Mall AIR	Electric	kW	13	Calculated Savings		13		13	
West Mall AIR	Electric	kWh	21,957	Calculated Savings		21,957		21,957	
West Mall AIR	Gas	m3	7,609	Calculated Savings		7,609		7,609	
West Mall AIR Total			\$ 4,735		\$ -	\$ 4,735	\$ -	\$ 4,735	
Westgrove AIR	Electric	kVa	-	Calculated Savings		-		-	
Westgrove AIR	Electric	kW	-	Calculated Savings		-		-	
Westgrove AIR	Electric	kWh	23,747	Calculated Savings		23,747		23,747	
Westgrove AIR	Gas	m3	-	Calculated Savings		-		-	
Westgrove AIR Total			\$ 2,347		\$ -	\$ 2,347	\$ -	\$ 2,347	
Westway AIR	Electric	kVa	8	Calculated Savings		8		8	
Westway AIR	Electric	kW	8	Calculated Savings		8		8	
Westway AIR	Electric	kWh	19,011	Calculated Savings		19,011		19,011	
Westway AIR	Gas	m3	5,503	Calculated Savings		5,503		5,503	



Building Name	Meter	Units	Annual Estimated Savings		M&V Method	Q4 Metered Savings		Q4 Actual Savings		Note	Q6 Metered Savings		Q6 Actual Savings		Note
			Energy	Cost		Energy	Cost	Energy	Cost		Energy	Cost	Energy	Cost	
<b>Westway AIR Total</b>				\$ 3,619			\$ -	\$ 3,619				\$ -	\$ 3,619		
Withrow Park AIR	Electric	kVa	-	\$ -	Calculated Savings										
Withrow Park AIR	Electric	kW	-	\$ -	Calculated Savings										
Withrow Park AIR	Electric	kWh	8,769	\$ 594	Calculated Savings			8,769	\$ 594				8,769	\$ 594	
Withrow Park AIR	Gas	m3	3,531	\$ 1,448	Calculated Savings			3,531	\$ 1,448				3,531	\$ 1,448	
<b>Withrow Park AIR Total</b>				\$ 2,042			\$ -	\$ 2,042				\$ -	\$ 2,042		
York Mills Arena	Electric	kVa	134	\$ 792	Whole Building	(180)	\$ (1,050)				8	\$ 41			1
York Mills Arena	Electric	kW	29	\$ 116	Whole Building	(228)	\$ (918)			1	(60)	\$ (244)			
York Mills Arena	Electric	kWh	55,750	\$ 3,770	Whole Building	170,861	\$ 11,822	170,861	\$ 11,822		155,746	\$ 10,859	155,746	\$ 10,859	
York Mills Arena	Gas	m3	5,219	\$ 2,140	Whole Building	8,952	\$ 3,994	8,952	\$ 3,994		13,354	\$ 6,328	13,354	\$ 6,328	
<b>York Mills Arena Total</b>				\$ 6,818		\$ 13,849		\$ 15,816			\$ 18,984		\$ 17,187		

Totals Utility	Units	Annual Estimated Savings		Q4 Metered Savings		Q4 Actual Savings		Q6 Metered Savings		Q6 Actual Savings	
		Energy	Costs	Energy	Costs	Energy	Costs	Energy	Costs	Energy	Costs
kVa Demand	kVa	14,843	\$ 87,575	14,504	\$ 85,987	19,215	\$ 112,302	13,945	\$ 84,129	18,977	\$ 112,800
kW Demand	kW	3,757	\$ 15,028	5,964	\$ 24,368	9,074	\$ 37,019	5,823	\$ 24,284	9,083	\$ 37,695
Electricity	kWh	9,845,840	\$ 685,768	6,457,253	\$ 468,716	10,498,157	\$ 749,787	6,523,980	\$ 472,820	10,478,202	\$ 745,141
Gas	m3	1,070,945	\$ 439,087	331,041	\$ 143,248	894,595	\$ 372,910	374,984	\$ 175,314	952,823	\$ 404,101
Misc Ted Reeve DHW			\$ 6,000				\$ 6,000				\$ 6,000
Misc Energy Awareness			\$ 29,994				\$ 29,994				\$ 29,994
<b>Total</b>			\$ 1,263,452		\$ 722,319		\$ 1,278,019		\$ 756,547		\$ 1,305,738

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 Q6  
(January to December 2008) Sorted Alphabetically  
By Building By Utility**

**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	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	kW	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 Home 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	kW	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

**Totals**

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 Q6  
(January to December 2008) Sorted Alphabetically  
By Building By Utility**

**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
		<b>Albion Arena Total</b>					\$ 6,615		\$ 5,223
West	West	Amesbury Park Sports Complex/Bocce	155 Culford Rd.	Electric	kVa	118	\$ 2,897	491	\$ 1,304
West	West	Amesbury Park Sports Complex/Bocce	155 Culford Rd.	Electric	kW	-	\$ -	326	\$ 1,304
West	West	Amesbury Park Sports Complex/Bocce	155 Culford Rd.	Electric	kWh	191,684	\$ 18,944	191,684	\$ 18,944
West	West	Amesbury Park Sports Complex/Bocce	155 Culford Rd.	Gas	m3	26,697	\$ 10,946	26,697	\$ 10,946
		<b>Amesbury Park Sports Complex/Bocce Total</b>					\$ 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
		<b>Baycrest Arena Total</b>					\$ 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	-	\$ -	-	\$ -
		<b>Buttonwood AIR Total</b>					\$ 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	-	\$ -	-	\$ -
		<b>Campbell Park AIR Total</b>					\$ 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	-	\$ -
		<b>Centennial Park Arena Total</b>					\$ 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
		<b>Central Arena Total</b>					\$ 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	-	\$ -
		<b>Chris Tonks Keelesdale Arena Total</b>					\$ 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	kW	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	kW	-	\$ -	-	\$ -
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	kW	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	kW	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	kW	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	kW	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	kW	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	kW	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	kW	-	\$ -	-	\$ -
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	1580 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	Annual Estimate Energy Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
West	North	Herbert H. Carnegie Centennial Centre A	580 Finch Ave. W.	Electric	kW	141	\$ 564	141	\$ 141	\$ 564
West	North	Herbert H. Carnegie Centennial Centre A	580 Finch Ave. W.	Electric	kWh	225,711	\$ 15,265	225,711	\$ 225,711	\$ 15,265
West	North	Herbert H. Carnegie Centennial Centre A	580 Finch Ave. W.	Gas	m3	30,492	\$ 12,502	30,492	\$ 30,492	\$ 12,502
		Herbert H. Carnegie Centennial Centre Arena Total					\$ 31,736		\$ 31,736	\$ 31,736
West	West	High Park AIR (#4 & #5)	1873 Bloor St. W.	Electric	kVa	0	\$ 0	0	\$ 0	\$ 0
West	West	High Park AIR (#4 & #5)	1873 Bloor St. W.	Electric	kW	0	\$ 0	0	\$ 0	\$ 0
West	West	High Park AIR (#4 & #5)	1873 Bloor St. W.	Electric	kWh	13,208	\$ 893	13,208	\$ 13,208	\$ 893
West	West	High Park AIR (#4 & #5)	1873 Bloor St. W.	Gas	m3	20,301	\$ 8,323	20,301	\$ 20,301	\$ 8,323
		High Park AIR (#4 & #5) Total					\$ 9,219		\$ 9,219	\$ 9,219
West	West	Humber Valley AIR	50 Anglesey Blvd.	Electric	kVa	3	\$ 20	3	\$ 3	\$ 20
West	West	Humber Valley AIR	50 Anglesey Blvd.	Electric	kW	3	\$ 13	3	\$ 3	\$ 13
West	West	Humber Valley AIR	50 Anglesey Blvd.	Electric	kWh	23,603	\$ 1,596	23,603	\$ 23,603	\$ 1,596
West	West	Humber Valley AIR	50 Anglesey Blvd.	Gas	m3	1,576	\$ 646	1,576	\$ 1,576	\$ 646
		Humber Valley AIR Total					\$ 2,275		\$ 2,275	\$ 2,275
West	North	Irving W. Chapley C.C./AIR	205 Wilmington Ae.	Electric	kVa	1	\$ 7	1	\$ 1	\$ 7
West	North	Irving W. Chapley C.C./AIR	205 Wilmington Ae.	Electric	kW	1	\$ 4	1	\$ 1	\$ 4
West	North	Irving W. Chapley C.C./AIR	205 Wilmington Ae.	Electric	kWh	51,785	\$ 3,502	51,785	\$ 51,785	\$ 3,502
West	North	Irving W. Chapley C.C./AIR	205 Wilmington Ae.	Gas	m3	4,198	\$ 1,721	4,198	\$ -	\$ -
		Irving W. Chapley C.C./AIR Total					\$ 5,235		\$ 5,235	\$ 5,235
West	North	John Booth Mem. Arena/Bocce	230 Gosford Blvd.	Electric	kVa	169	\$ 997	169	\$ 169	\$ 997
West	North	John Booth Mem. Arena/Bocce	230 Gosford Blvd.	Electric	kW	39	\$ 154	39	\$ 39	\$ 154
West	North	John Booth Mem. Arena/Bocce	230 Gosford Blvd.	Electric	kWh	94,354	\$ 6,381	94,354	\$ 94,354	\$ 6,381
West	North	John Booth Mem. Arena/Bocce	230 Gosford Blvd.	Gas	m3	9,081	\$ 3,723	12,196	\$ 12,196	\$ 5,063
		John Booth Mem. Arena/Bocce Total					\$ 11,256		\$ 11,256	\$ 12,595
West	West	Lambton Kingsway AIR	37 Marquis Ave.	Electric	kVa	2	\$ 10	2	\$ 2	\$ 10
West	West	Lambton Kingsway AIR	37 Marquis Ave.	Electric	kW	2	\$ 6	2	\$ 2	\$ 6
West	West	Lambton Kingsway AIR	37 Marquis Ave.	Electric	kWh	31,531	\$ 2,132	31,531	\$ 31,531	\$ 2,132
West	West	Lambton Kingsway AIR	37 Marquis Ave.	Gas	m3	-	\$ -	-	\$ -	\$ -
		Lambton Kingsway AIR Total					\$ 2,149		\$ 2,149	\$ 2,149
West	West	Lambton Park Arena	4100 Dundas St. W.	Electric	kVa	313	\$ 1,847	516	\$ 516	\$ 3,033
West	West	Lambton Park Arena	4100 Dundas St. W.	Electric	kW	99	\$ 396	285	\$ 285	\$ 1,142
West	West	Lambton Park Arena	4100 Dundas St. W.	Electric	kWh	145,479	\$ 9,839	105,380	\$ 105,380	\$ 6,751
West	West	Lambton Park Arena	4100 Dundas St. W.	Gas	m3	7,085	\$ 2,905	7,085	\$ 7,085	\$ 2,905
		Lambton Park Arena Total					\$ 14,986		\$ 14,986	\$ 13,831
West	North	Ledbury C.C./ODP/AIR	146 Ledbury St	Electric	kVa	2	\$ 10	2	\$ 2	\$ 10
West	North	Ledbury C.C./ODP/AIR	146 Ledbury St	Electric	kW	2	\$ 6	2	\$ 2	\$ 6
West	North	Ledbury C.C./ODP/AIR	146 Ledbury St	Electric	kWh	5,101	\$ 345	5,101	\$ 5,101	\$ 345
West	North	Ledbury C.C./ODP/AIR	146 Ledbury St	Gas	m3	3,805	\$ 1,560	3,225	\$ 3,225	\$ 1,419
		Ledbury C.C./ODP/AIR Total					\$ 1,921		\$ 1,921	\$ 1,780
West	West	Long Branch Arena	75 Arcadian Circle	Electric	kVa	263	\$ 1,554	296	\$ 296	\$ 1,746
West	West	Long Branch Arena	75 Arcadian Circle	Electric	kW	29	\$ 115	441	\$ 441	\$ 1,779
West	West	Long Branch Arena	75 Arcadian Circle	Electric	kWh	77,627	\$ 5,250	90,094	\$ 90,094	\$ 6,876
West	West	Long Branch Arena	75 Arcadian Circle	Gas	m3	9,724	\$ 3,987	7,541	\$ 7,541	\$ 3,819
		Long Branch Arena Total					\$ 10,906		\$ 10,906	\$ 14,220
West	West	Martingrove AIR	400 Martin Grove Rd.	Electric	kVa	9	\$ 55	9	\$ 9	\$ 55
West	West	Martingrove AIR	400 Martin Grove Rd.	Electric	kW	9	\$ 35	9	\$ 9	\$ 35
West	West	Martingrove AIR	400 Martin Grove Rd.	Electric	kWh	20,767	\$ 1,404	20,767	\$ 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	Offter Creek AIR	140 Cheritan Ave.	Electric	kVa	-	\$ -	-	\$ -
West	North	Offter Creek AIR	140 Cheritan Ave.	Electric	kW	-	\$ -	-	\$ -
West	North	Offter Creek AIR	140 Cheritan Ave.	Electric	kWh	60,263	\$ 4,076	155,329	\$ 15,351
West	North	Offter Creek AIR	140 Cheritan Ave.	Gas	m3	-	\$ -	-	\$ -
		Offter 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	Annual Estimate Energy 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 Homer Ave.	Electric	kVa	5	\$ 29	5	\$ 29	
West	West	Sir Adam Beck AIR	520 Homer Ave.	Electric	kW	5	\$ 19	5	\$ 19	
West	West	Sir Adam Beck AIR	520 Homer Ave.	Electric	kWh	12,749	\$ 862	12,749	\$ 862	
West	West	Sir Adam Beck AIR	520 Homer 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	kWh	-	\$ -	-	\$ -	
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 Mall AIR	370 The West Mall	Electric	kWh	21,957	\$ 1,485	21,957	\$ 1,485
West	West	West Mall AIR	370 The West Mall	Gas	m3	7,609	\$ 3,120	7,609	\$ 3,120
		West Mall 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 Q6 (January to December 2008)  
Sorted Alphabetically By Building By Utility**



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

Building Name	Address	Meter	Units	Annual Estimate Energy Savings	Annual Estimate \$ Savings	Annual Estimate Energy Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
East York Curling Club	901 Cosburn Ave.	Electric	kVa	131	\$ 774	131	\$ 131	\$ 774
East York Curling Club	901 Cosburn Ave.	Electric	kW	24	\$ 97	24	\$ 216	\$ 863
East York Curling Club	901 Cosburn Ave.	Electric	kWh	102,038	\$ 6,901	102,038	\$ 102,038	\$ 6,901
East York Curling Club	901 Cosburn Ave.	Gas	m3	13,839	\$ 5,674	13,839	\$ 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	111,699	\$ 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	\$ 256	\$ 1,508
Tam Heather Curling Club	730 Military Trail	Electric	kW	78	\$ 314	78	\$ 78	\$ 314
Tam Heather Curling Club	730 Military Trail	Electric	kWh	140,151	\$ 9,478	140,151	\$ 140,151	\$ 9,478
Tam Heather Curling Club	730 Military Trail	Gas	m3	3,432	\$ 1,407	3,432	\$ 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	Annual Estimate Energy Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
George Bell Arena	215 Ryding Avenue	Electric	kVa	281	\$ 1,658	281	\$ -	\$ -
George Bell Arena	215 Ryding Avenue	Electric	kW	59	\$ 235	59	\$ 63	\$ 253
George Bell Arena	215 Ryding Avenue	Electric	kWh	171,175	\$ 11,577	171,175	\$ 166,155	\$ 11,342
George Bell Arena	215 Ryding Avenue	Gas	m3	5,324	\$ 2,183	5,324	\$ 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	Annual Estimate Energy Savings	Q4 Actual Energy Savings	Q4 Actual \$ Savings
Ted Reeve Arena	175 Main Street	Electric	kVa	243	\$ 1,436	243	\$ 158	\$ 933
Ted Reeve Arena	175 Main Street	Electric	kW	46	\$ 182	46	\$ 14	\$ 64
Ted Reeve Arena	175 Main Street	Electric	kWh	379,825	\$ 25,688	379,825	\$ 379,825	\$ 25,688
Ted Reeve Arena	175 Main Street	Gas	m3	827	\$ 339	827	\$ 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>

**Appendix E: Monthly Energy Savings to Q6  
(January to December 2008) Sorted Alphabetically  
By Building By Utility**