

Project Description						Annual Projected Savings					
Facility	Proposed Strategy	Description	Estimated Project Start	Simple Payback	Estimated Project Cost (\$)*	Electricity (kWh)	Natural Gas (m3)	Total Energy Savings (ekWh)	GHG (tonnes CO2e)	Total Estimated Savings (\$)**	Total Estimated Incentives (\$)
Caledon OPP Detachment	OPP HVAC	Costs associated with testing and calibrating the HVAC system	2019	0.3	\$1,656	20,982	11,984	148,345	23.2	\$6,053	\$4,495
Caledon OPP Detachment	OPP BAS	BAS reprogramming, fault detection diagnostics (FDD)	2019	0.7	\$2,838	7,086	11,433	128,593	21.9	\$3,965	\$2,995
Caledon OPP Detachment	OPP Operations	Scheduling, equipment repair and refurbishment, set-point adjustment	2021	0.2	\$473	6,495	5,854	68,710	11.2	\$2,431	\$1,820
Town Hall	Town Hall Operations	Scheduling, equipment repair and refurbishment, set-point adjustment	2020	1.0	\$1,108	3,098	2,447	29,104	4.7	\$1,070	\$799
Town Hall	Town Hall HVAC	Costs associated with recomissioning the HVAC system and testing, rebalancing	2022	7.9	\$15,044	4,131	5,055	57,854	9.7	\$1,893	\$1,424
MRC	MRC HVAC	Costs associated with commissioning, testing, and balancing air handling units (AHU) and HVAC retrofit equipment	2020	56.3	\$9,292		634	6,738	1.2	\$165	\$127
MRC	MRC BAS	Costs associated with installing a small-scale BAS	2020	88.6	\$14,625		634	6,738	1.2	\$165	\$127
MRC	MRC Operations	Scheduling, equipment repair and refurbishment, set-point adjustment	2020	11.4	\$1,253		423	4,496	0.8	\$110	\$85
CCRW	CCRW HVAC	High-efficiency boiler retrofit project. These are the costs associated with commissioning and testing the boiler to ensure that it's operating at its stated efficiency	2019	1.0	\$13,600		50,159	533,079	95.3	\$13,041	\$10,032
CCRW	CCRW BAS	Costs associated with upgrading/reprogramming CCRW's BAS with retrofit boiler	2020	9.2	\$56,843		23,720	252,091	45.0	\$6,167	\$4,744
CCRW	CCRW Process	Costs related to equipment retrofit/replacement, controls upgrades	2020	1.1	\$10,000		35,253	374,661	66.9	\$9,166	\$7,051
CCRW	CCRW Operations	Scheduling, equipment repair and refurbishment, set-point adjustment	2022	0.4	\$1,834		16,266	172,871	30.9	\$4,229	\$3,253
CECC	CECC HVAC	Costs associated with testing and rebalancing of HVAC system and retrofit hot water system serving the Arena	2020	3.7	\$13,716	5,822	11,098	123,769	21.2	\$3,701	\$2,802
CECC	CECC Operations	Scheduling, equipment repair and refurbishment, set-point adjustment	2021	0.6	\$1,849	7,277	8,324	95,743	16.0	\$3,183	\$2,392
CECC	CECC BAS	Cost for upgrading BAS or other controls; fault detection diagnostics	2023	4.7	\$11,096	1,455	8,324	89,921	15.8	\$2,368	\$1,810
ABUCC	ABUCC BAS	Cost associated with BAS installation	2023	39.9	\$46,376	3,433	2,620	31,278	5.0	\$1,162	\$867
ABUCC	ABUCC Operations	Scheduling, equipment repair and refurbishment, set-point adjustment	2021	0.5	\$1,496	17,163	1,310	31,085	2.8	\$2,743	\$1,978
LWCA	LWCA HVAC	Costs associated with testing, right-sizing, rebalancing HVAC equipment replacements	2020	3.5	\$3,623	7,331		7,331	0.1	\$1,026	\$733
LWCA	LWCA Process	(related to pools and rinks) heat recovery, equipment retrofit/replacement, controls upgrades	2023	9.7	\$10,000	21,993		21,993	0.4	\$1,026	\$733
LWCA	LWCA Operations	Scheduling, equipment repair and refurbishment, set-point adjustment	2019	0.1	\$488	36,654		36,654	0.7	\$5,132	\$3,665
TOTAL				3.2	\$217,210	142,920	195,538	2,221,054	374	\$68,796	\$51,932

**The project costs are estimated based on Enerlife Consulting Inc.'s database and past experience on similar projects, most are determined on high level scope and based on \$/ft2 values.*

**The estimated costs are not the capital retrofit costs (i.e. retrofitting HVAC equipment), but they are the costs associated with stringent energy efficiency processes/operations such as commissioning and testing the retrofit HVAC equipment.*

*** To determine total estimated savings average utility unit costs were used (\$0.14 for electricity, and \$0.26 for natural gas)*

Acronyms	
ABUCC	Albion Bolton Union Community Centre
BAS	Building Automation System
CCRW	Caledon Centre for Recreation & Wellness
CECC	Caledon East Community Complex
FDD	Fault detection diagnosis
HVAC	Heating, ventilation and air conditioning
LWCA	Lloyd Wilson Centennial Arena
MRC	Mayfield Recreation Complex
OPP	Ontario Provincial Police