



## Town of Saugeen Shores

Energy Conservation and Demand Management Plan, 2024-2029



## Acknowledgements

### **Land Acknowledgement**

The Town of Saugeen Shores is also located on the traditional lands and treaty territory of the Saugeen Ojibway Nation, which consists of the Chippewas of Saugeen and the Chippewas of Nawash Unceded First Nation.

### **Energy Team Acknowledgements**

The writing of this plan drew upon the knowledge of the Town staff to provide institutional history and subject matter expertise. Tree House Energy Services would like to thank plan contributors:

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## Executive Summary

Saugeen Shores is located along Lake Huron shoreline and is one of a number of municipalities that are part of Bruce County along Ontario's West Coast; the Town has a total population of 15,908 (2021) that also includes Port Elgin and Southampton. These three communities have a total of 18 facilities including arenas, medical building, art gallery and libraries that serve the larger Town of Saugeen Shores.

Saugeen Shores mentions their facilities in their Strategic Plan, 2023-2027 under Pillar 4 Fostering a Vibrant Place to Live and Visit. The connection between the Strategic Plan and this Energy Management and Conservation Demand Management (CDM) Plan, 2024-2029 is through direction 11: "Enhance the Natural Heritage and Beauty of the Town's Environment". Direction 11 has an action called "Continue with Waste Diversion Efforts and Energy Management Initiatives for Municipal Assets" and associated with this action is a progress measure: "year-over-year energy consumption rates per municipal facility" to assess performance. The CDM Plan expands on the direction 11 action and progress measure while also reporting on the results of initiatives outlined in the 2019-2023 plan. Some major highlights of completed initiatives:

- Retrofitted T12 and incandescent lighting with LED lighting at Saugeen Shores Medical Centre, Coliseum Ice Surface, Municipal Office, and The Plex
- Replaced Public Works Shop (Peel Street Garage) older windows with triple pane low-e thermal windows
- Replaced Coliseum ice plant compressors 1 and 2 with higher efficiency units
- Replaced older natural gas HVAC unit in Public Works Shop (Port Elgin) with a new high efficiency unit

These projects have contributed to an overall decrease in (unnormalized) energy use of 4.4% using 2019 as the base line year and 2023 as the performance year--a fundamental recommendation is for monthly data (instead of annual data) to be tracked in Portfolio Manager going forward so that weather effects on energy use be considered for base line purposes.

It was noted that electricity use has increased by 16.3% and emissions have decreased by about 22%. For deeper energy and emissions reductions to be sustainable in the long term, it's recommended that a broader approach be implemented that includes new five-year CDM Plan with an energy target of at least 7% over the course of the next five years that could be part of a broader plan for an emissions reduction target of net or near zero to align with municipal, provincial and federal plans and targets by 2050.

**Targets and access to capital discussed during the writing of this Plan evolved into a recommendation for a net or near zero emission study that would provide an implementation road map--including renewable technology--in the long term and a 7% energy reduction in the short term over the next five years. This road map could also work in concert with the corporate asset management and funding is available for one or more facilities which could include: The Community Complex, Southampton Coliseum, Police Station and Port Elgin Library which have the most impact for energy and emissions reductions.**

## 1 Background and Introduction

Saugeen Shores is located along the Lake Huron shoreline, just west of Owen Sound and north of Kincardine and is one of many municipalities that make up Bruce County along Ontario's West Coast. Saugeen Shores has a total population of 15,908 (2021) and includes the communities of Port Elgin, Southampton, and Saugeen Township. Amongst these three communities, there are total of 18 municipal facilities including arenas, medical building, art gallery and libraries that serve the larger Town of Saugeen Shores.

Saugeen Shores mentions their facilities in their Strategic Plan, 2023-2027 under Pillar 4 Fostering a Vibrant Place to Live and Visit. The connection between the Strategic and Energy Management and Conservation Demand Management (CDM) Plan, 2024-2029 is outlined in the following section.

## 2 Energy Management

### 2.1 Plans and Regulations: Municipal, Provincial and Federal

The Strategic Plan which has four pillars and eleven directions—includes a direction 11: “Enhance the Natural Heritage and Beauty of the Town’s Environment”. Direction 11 has an action called “Continue with Waste Diversion Efforts and Energy Management Initiatives for Municipal Assets” and associated with this action is a progress measure: “year-over-year energy consumption rates per municipal facility” to assess performance.

This CDM Plan expands on the direction 11 action and progress measure. It also reports on the results of initiatives outlined in the 2019-2023 plan and builds on the previous plan to develop a new five-year road map. This CDM Plan will include potential benefits that are financial, environmental and a combination of both.

### Innovation

The Town mentions innovation in their “Invest Saugeen Shores” document released in 2024 that provides the following energy related update: “The development of municipally-owned, fully serviced employment lands at Innovation Park, located at the south end of town, is advancing and will become a world class site for businesses working towards net-zero goals.” energy Innovation is also emphasized on their website:

“Our strong base of technical smarts and access to inventive thinking in energy ripples out into all sectors of the economy including tourism, retail, and technology-based services. Equally important, our population is well-educated and enjoys a lifestyle unmatched in rural Ontario. Port Elgin, home to the new Innovation Park, is the centre for energy innovation, and a hub for clean energy.

The Innovation Park was created to foster and build on this innovative spirit in clean energy. When multiple innovators work in close proximity ideas percolate, achievement is celebrated and shared, new thinking crosses boundaries, and innovation multiplies.

That is the inspiration behind the Innovation Park, bordered by trails, history, and nature, and the future home to some of the region’s most innovative companies.”

The use of clean energy that does not produce GHG emissions will ensure that sustainable reductions in emissions continue at the Town.

### Ontario Regulation 25/23

This CDM Plan also complies with Regulation 25/23 Broader Public Sector: Energy Reporting and Conservation and Demand Plans Management Plans. This regulation falls under the ELECTRICITY ACT, 1998 that requires public agencies prepare, publish, and implement energy conservation and demand management plans. The CDM Plan must document annual energy consumption and greenhouse gas emissions resulting from municipal operations, and describe previous, current and proposed measures for conserving and reducing the amount of energy consumed. The Plan manages municipal demand for energy and includes a forecast of the expected results of current and proposed measures. A list of the required facilities that municipalities are to include in their annual energy consumption reports can be found in Appendix C: Required Facilities, O. Reg. 25/23. The Electricity Act further requires a description and a forecast of the expected results of current and proposed activities. It is to outline measures to conserve the energy consumed by Town operations and to otherwise reduce the amount of energy consumed, including by employing such energy conservation and demand management methods as may be prescribed. The CDM Plan should summarize progress and achievements in energy conservation and other reductions since the previous plan. The CDM Plan must be posted on the Town’s website and available in printed form in the municipal office.

### Powering Ontario’s Growth

Related to O. Reg. 25/23 and energy management, Ontario has a plan to provide families and industries with reliable, low-cost and clean power<sup>1</sup> with ten actions including:

**Energy Efficiency:** Planning for the future of energy efficiency programs in Ontario

**Next Competitive Electricity Procurement:** Starting planning for Ontario’s next competitive electricity procurement focused on new clean resources including wind, solar, hydroelectric, batteries and biogas.

The Energy Efficiency action aligns with the Town’s direction 11 and for the latter action--electricity procurement of new clean resources--some possible ideas are suggested about supporting the province’s procurement. Supporting the province’s procurement of clean resources may also contribute to the Town’s own emissions reductions in the context of the federal act which is covered in the following section.

For details on the Town’s energy and emissions management approach, see Section 4, Conservation and Demand Management Plan as well as its sub-sections.

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<sup>1</sup> <https://www.ontario.ca/page/powering-ontarios-growth#section-1>

## Net Zero Pathways Accountability Act

This purpose of this Act that was passed by federal government is to require the setting of national targets for the reduction of greenhouse gas emissions based on the best scientific information available and to promote transparency, accountability and immediate and ambitious action in relation to achieving those targets, in support of achieving net-zero emissions in Canada by 2050 and Canada's international commitments in respect of mitigating climate change. Under this Act, the national greenhouse gas emissions target for 2050 is net-zero emissions<sup>2</sup>. Although, O. Reg. 25/23 does not require a plan for emission reductions, it does require the reporting of GHG emissions and a description of any renewable energy generation facility operated a public agency and the amount of annual energy produced. To date there has been declarations of climate emergencies by 650 municipalities<sup>3</sup>.

### 2.2 Accomplishments

The Town has completed a number of upgrades to their Public Works Shop to manage their energy consumption and also at various facilities. Some major projects and highlights:

#### Various Facilities

- Retrofitted T12 and incandescent lighting with LED lighting at Saugeen Shores Medical Centre, Coliseum Ice Surface, Municipal Office, and The Plex
- Replaced Public Works Shop (Peel Street Garage) older windows with triple pane low-e thermal windows in 2022
- Replaced Coliseum ice plant compressors 1 and 2 with higher efficiency units in 2018

#### Public Works Shop – Port Elgin (Conc. 6 Garage)

- Replaced older thermostats with digital programmable thermostats in 2022 and these stats have been programmed for temperature setback during unoccupied periods
- Replaced older natural gas HVAC unit for shop with a new high efficiency unit in 2022
- Replaced three older windows with triple pane low-e thermal windows in 2022

In addition, energy recovery was reported in the previous plan in the form of waste heat from the ice plant compressors used for in-floor heating both in the Plex Site and the Nuclear Innovation Institute.

### 2.3 Current Energy Consumption

The required facilities to be reported as per O. Reg. 25/23 are tabled below. See Appendix B - Compliance with O. Reg 25/23 for more details on reporting requirements.

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<sup>2</sup> <https://laws-lois.justice.gc.ca/eng/acts/c-19.3/fulltext.html>

<sup>3</sup> <https://raog.ca/climate-emergency-declarations-canada/#:~:text=January%2018%2C%202022-,650%20Municipalities%20have%20Declared%20a%20Climate%20Emergency%20in%20Canada,the%20rest%20of%20the%20world.>

Item No.	Name	Address	Use	Area (m <sup>2</sup> )
1	Dr. Earl Health Centre	786 Goderich Street	Community centre	966
2	Parks Garage	741 Market Street	Equipment or vehicle maintenance	718
3	Port Elgin Fire Hall	612 Emma Street	Fire station	687
4	Public Works Shop – Port Elgin (Public Works Garage)	339 Conc 6	Equipment or vehicle maintenance	669
5	Public Works Shop – Southampton (Public Works Garage)	429 Peel Street	Equipment or vehicle maintenance	604
6	Saugeen Shores Medical Building	36 Grey Street N	Community centre	930
7	Southampton Town Hall/Art Gallery	201 High Street	Offices / Art gallery	697
8	Community Complex/Municipal Office/Nuclear Innovation Institute	600 Tomlinson Drive	Indoor ice rink /Admin/Offices	4,547
9	Police Building	1240 Mackenzie Road	Police stations and associated offices	1,365
10	Port Elgin Library	708 Goderich Street	Public library	390
11	Public Works Electrical Shop	433 Peel Street	Equipment or vehicle maintenance	321
12	Public Works Shop – Port Elgin (Public Works Garage)	339 Conc 6	Administrative Offices	200
13	Southampton Coliseum	26 Albert Street	Indoor ice rink	3,800
14	Southampton Fire Hall	50 Victoria Street	Fire station	484
15	Southampton Public Library	215 High Street	Public library	200

## 2.4 2019 and 2023 Energy Use

The following table states the electricity and natural gas use figures in 2019 and 2023. 2019 is the base year and years 2020 to 2023 are compared to it in the Benchmarking section. These figures are not adjusted (unnormalized) for weather effects on energy use. Going forward, it is recommended that monthly data be tracked in Portfolio Manager so that weather effects on energy use can be considered. There has been an increase in electricity use and a decrease in natural gas use with an overall decrease in energy use of 4.4%. GHG emissions have decreased by 21.7%.

2019 Energy Use		2023 Energy Use		Percent Change		Percent Change
Electricity (kWh)	Gas (m <sup>3</sup> )	Electricity (kWh)	Gas (m <sup>3</sup> )	Electricity (kWh)	Gas (m <sup>3</sup> )	Electricity and Gas
2,247,088	185,767	2,613,076	133,997	16.3%	-27.9%	-4.4%

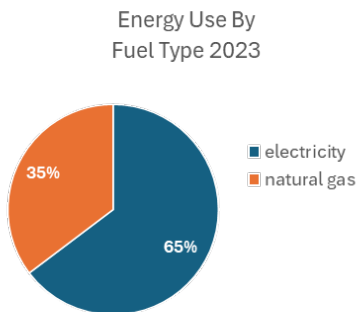
GHG Emissions (tonnes CO <sub>2e</sub> )	
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2019	2023	Percent Change in GHG Emissions
423	331	-21.7%

## 2.5 Breakdown of Energy Use by Type

A pie graph of the consumption for all facilities is shown below and the figures are a percentage of the number of Joules for each fuel type divided by the total of number Joules<sup>4</sup>. As indicated in the previous section electricity use in 2023 was 2,613,076 kWh and natural gas use was 133, 997 m<sup>3</sup>.

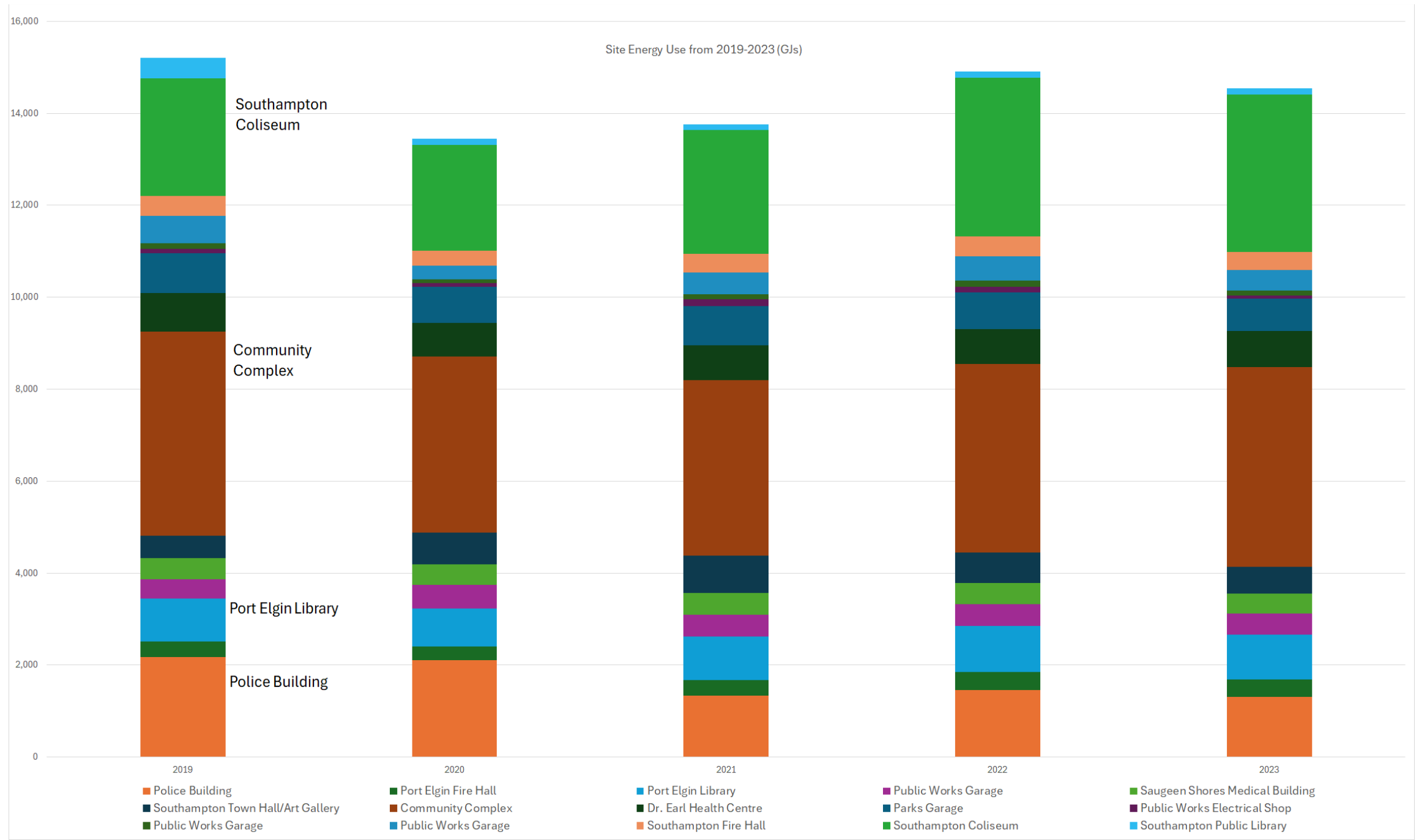


## 2.6 Benchmarking

As referenced in Section 2,1: “year-over-year energy consumption rates per municipal facility” is used to assess performance. These energy consumption rates--which are annualized--are provided in this CDM Plan are also used to rank the larger energy consumers to the smaller ones. The ranking (or benchmarking) reveals facilities that may have the most potential for energy conservation and demand management and could also indicate the facilities that have better energy performance. The stacked bar chart below indicates facilities with a larger footprint based on their coloured stack area. The Community Complex, Southampton Coliseum, Police Station and Port Elgin Library are the largest energy users and are specifically labelled the chart below. Thus, these facilities are recommended for further study as detailed in Appendix A – CDM Plan Initiatives.

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<sup>4</sup> A joule is defined as watt-second. A watt is the amount of energy that an electrical device (such as a light) is burning per second that it's running, thus a 10W (LED) bulb is burns 10 Joules energy every second.



## 2.7 Renewable Energy

The Town uses geothermal energy which is a form of renewable energy to help heat and cool the Chantry Senior's Centre. It was noted that the Town has not tracked energy usage for this Centre as they do not control its use at this building. With that said, the Town may track energy usage or include it in a future report.

The geothermal system at the Centre provides heating and cooling via an underground horizontal piping loop—called a ground loop—that is coupled to a heat pump. According to the building condition assessment the capacity of the heat pump is 80,000 Btu/hr for heating and 58,000 Btu/hr for cooling.

### 2.7.1 Geothermal System, Energy Demand and Conservation

To approximate the energy demand, validate the capacity of the heat pump and estimate the energy conserved by the ground loop, the peak heating and cooling loads for the Centre were estimated using heating and cooling degree days from a nearby airport weather station<sup>5</sup>. These estimated peak loads were used as inputs along with design inputs from a WaterFurnace (manufacturer's) drawing provided by the Town. These inputs were entered into a ground source software program<sup>6</sup>. Some key requirements of these programs are the capability to model: local ground temperatures; heat transfer between the ground and heat exchanger piping; thermal properties of the system (piping, heat-transfer fluid and ground); and the physical configuration of the horizontal system. The simulation was able to confirm the design information provided as well as the estimated heat pump capacity and energy conserved.

The energy demand conserved by the ground source loop at peak is estimated between 14-16kW. It's recommended that the Town start tracking and analysis of energy bills for the Centre to estimate conservation of demand and consumption as well as monitor ground temperatures as part of system maintenance.

## 3 Resources

### 3.1 Team

Energy Leader:

The Finance Department is the designated leader for energy reporting. This department will also be responsible for monitoring energy consumption and reporting the results to meet Ministry of Energy reporting requirements. Overall energy management is the responsibility of all the departments and the Town takes a team-based approach. The Infrastructure and Development and Community Services departments are primarily responsible for recommending and implementing energy reducing initiatives for operations and facilities that may impact all of the municipal departments.

All Staff at the Town:

Staff members will be made aware of the Town's energy conservation efforts and their importance and will be encouraged to make changes in their daily routines that

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<sup>5</sup> [Warton Airport](#), Environment and Natural Resources Canada

<sup>6</sup> Ground Loop Design or GLD by WaterFurnace

support energy conservation.

The need for staff resources becomes more significant as energy reductions become more challenging to achieve. Though overall (unnormalized) energy use has decreased due to a reduction in gas use, electricity consumption has increased. It suggested that an energy champion lead projects that could provide deeper reductions. The projects could be funded from third party programs.

### 3.2 Funding

One example of a third-party program that could be leveraged to fund further energy reductions is the Green Municipal Fund (GMF). This fund is a program overseen by the Federation of Canadian Municipalities. It has a number of funding streams including a Community Buildings Retrofit stream that funds studies as well as capital projects to reduce emissions with renewable energy (as one option) and could also include energy reductions.

## 4 Conservation and Demand Management (CDM) Plan

### 4.1 Projects, Programs and Policies

A number of initiatives that are project, organisational or behavioural based have been planned for the Town and are described in Appendix A – CDM Plan Initiatives. Project initiatives are essentially projects at specific facilities that have been identified for energy savings (or cost recovery), reductions in emissions or a combination of both. Organizational initiatives are generally those that involve cross-departmental support that may involve policies (municipal, provincial and federal), budgets, third party funding etc. Behavioural initiatives include monitoring and tracking as well as communication and collaboration between departments.

Regarding electricity procurement by the province (as referenced in Section 2), the Town in its Strategic Plan would like to “Promote Business Growth and Investment Attract businesses to the Saugeen Shores Innovation Park by implementing its marketing plan and advance the region as a clean energy and innovation centre” under Direction 3. Building on this direction, it suggested that the Town consider further investments in renewable energy--which is a form of clean energy--to reduce its increased electricity use and recover costs as well as support the reduction of GHG emissions. A significant portion of this investment could come from the aforementioned Green Municipal Fund that could fund an emissions as well as an energy reduction target.

### 4.2 Targets, and Funding Applications

Building on the energy reduction of 4.4% (as referenced in Section 2.4 and from gas reductions), it's recommended that a further reduction of 7% be targeted in the next five years. It's also recommended to fund this target in concert with a net or near zero emissions reduction target using GMF. Under the Community Buildings Retrofit stream, GMF could fund a study that may lead to a capital project. **Funding is available for one or more facilities which could include: The Community Complex,**

**Southampton Coliseum, Police Station and Port Elgin Library which have the most impact for energy and emissions reductions.**

## Appendix A – CDM Plan Initiatives

Proposed Initiatives	Facility Address	Detailed Description	Estimated Costs	Estimated Annual Savings	Estimated Annual Energy Savings	Completion Year
Coliseum Facility Energy Improvements	Coliseum	<p>Complete an energy audit of the arena facility and operations</p> <p>Identify and evaluate a variety of operational strategies and establish a list of high impact energy saving improvement options for consideration and implementation</p>	\$230,000 with \$100,000 rebate/grant	Based on 50% consumption savings, cost savings are estimated at \$61,000	Based on 50% savings, electricity savings are estimated at 389,000 kWh and gas at 8,000 m <sup>3</sup>	2026-28
Plex Facility Energy Improvements	Plex	<p>Complete an energy audit of the arena facility and operations</p> <p>Identify and evaluate a variety of operational strategies and establish a list of high impact energy saving improvement options for consideration and implementation</p>	\$230,000 with \$100,000 rebate/grant	Based on 50% consumption savings, cost savings are estimated at \$82,000	Based on 50% savings, electricity savings are estimated at 528,000 kWh and gas at 7,000 m <sup>3</sup>	2026-28
Facilities Energy / Carbon Reduction Study	Non-Rec Facilities	<p>Work with consultant to develop long-term strategies for energy efficiencies in non-recreation facilities</p> <p>Staff attended workshop hosted by Grey County in 2024 and are considering engaging folks from the workshop to complete a review</p> <p>Costs, and savings are to be determined based on strategies developed and the building typologies included</p>				2026-27

Proposed Initiatives	Facility Address	Detailed Description	Estimated Costs	Estimated Annual Savings	Estimated Annual Energy Savings	Completion Year
AWC Solar Panel Installation	AWC	<p>Solar panel installation will occur on the south roof of the facility</p> <p>Facility was constructed to accommodate the future installation of solar panels. It is anticipated that a sponsor or funding will be attained to cover the capital costs</p>	\$500,000	\$45,000 <sup>7</sup>	300,000 kWh/year. <sup>8</sup>	2028
Door Replacement	Coliseum	Replacement of 5 existing doors	\$30,000	Energy Star certified doors are about 15% more energy efficient. <sup>9</sup>		2024
Door and Window Replacement	Coliseum	Replacement of windows and/or additional doors	\$60,000	<p>Energy Star certified doors are about 15% more energy efficient<sup>10</sup></p> <p>Energy Star certified windows are about 20% more energy efficient than the average window<sup>11</sup></p>		2026

<sup>7</sup> Estimated savings based on a \$0.15/kWh electricity cost rate.

<sup>8</sup> This estimate is based on south facing solar array with about a 20 degree inclination.

<sup>9</sup> <https://natural-resources.canada.ca/energy-efficiency/products/windows-doors-and-skylights/13739>

<sup>10</sup> <https://natural-resources.canada.ca/energy-efficiency/products/windows-doors-and-skylights/13739>

<sup>11</sup> <https://natural-resources.canada.ca/energy-efficiency/products/windows-doors-and-skylights/13739>

Proposed Initiatives	Facility Address	Detailed Description	Estimated Costs	Estimated Annual Savings	Estimated Annual Energy Savings	Completion Year
Door and Window Replacement	Plex	Replacement of windows and doors	\$120,000	Energy Star certified doors are about 15% more energy efficient <sup>12</sup>  Energy Star certified windows are about 20% more energy efficient than the average window <sup>13</sup>		2031
Refrigeration System Upgrades	Plex	Equipment replacement/upgrades for equipment at end of life  Replacement of existing with more energy efficient equipment	\$120,000	TBD		2030
Enter and track monthly energy data	All	A recommendation is for monthly data (instead of annual data) to be tracked in Portfolio Manager going forward to adjust for weather effects on energy use.		This recommendation does not yield direct savings but is a best practice to ensure baseline and performance year comparisons are adjusted for weather to more accurately quantify building energy performance		

<sup>12</sup> <https://natural-resources.canada.ca/energy-efficiency/products/windows-doors-and-skylights/13739>

<sup>13</sup> <https://natural-resources.canada.ca/energy-efficiency/products/windows-doors-and-skylights/13739>



Proposed Initiatives	Facility Address	Detailed Description	Estimated Costs	Estimated Annual Savings	Estimated Annual Energy Savings	Completion Year
*Investigate FCM funding for a net or near zero emissions study and capital project for one or more facilities	Community Complex, Southampton Coliseum, Police Station and Port Elgin Library	Investigate FCM funding under the Community Buildings Retrofit stream to complete a study and capital project (based on the study) to achieve net or near zero emissions as well as cost recovery for the Community Complex, Southampton Coliseum, Police Station and Port Elgin Library	TBD and the rebate funding could be up to 80% of eligible costs with a cap of \$200,000	\$244,000	1,500,00 kWh 39,000 m <sup>3</sup>	2024-2029
Environmental Coordinator	All	Pending Council Approval of Environmental Ad Hoc Committee Recommendations, this position would coordinate activities across Departments to support environmental initiatives, which may include climate change and education activities.	\$108,000 / year	TBD	TBD	2026

\*This FCM funding stream also provides funds for renewable energy technology--including geothermal installations which is currently being utilized at Chantry Senior's Centre--for one or more facilities. As the Town has experience with geothermal, it's recommended to investigate expansion of this technology to other facilities.

## APPENDIX B - COMPLIANCE WITH O. Reg 25/23

In 2019, the Town published an Energy Conservation and Demand Management Plan based on and in compliance with Ontario Regulation 507/18 – *Energy Conservation and Demand Management Plans* (O. Reg. 507/18). The regulation also required municipalities and other public sector groups to report annually on energy use and greenhouse gas (GHG) emissions for buildings and facilities in which the agency conducts its operations, that are heated or cooled or are related to the treatment or pumping of water or sewage. See table (which is an excerpt from the regulation) on the following page for details of the required facilities to be reported.

O. Reg. 507/18 has since been revoked and replaced with O. Reg. 25/23. The major amendments to 507/18 that are included in the current regulation are:<sup>14</sup>

1. **Reporting and Tracking:** Moving reporting from a custom-made platform to ENERGY STAR Portfolio Manager.
2. **Reporting Period:** Reporting of 2021 data in 2023, 2022 and 2023 in 2024 and one year (2024) of data in 2025.
3. **Prescriptive Elements:** Updates to the title of form and removal of specific units of measurement to allow BPS organizations to use units they want to report as long it is an industry standard.

The Town complies with O. Reg. 25/23 as senior management and Council has adopted the CDM Plan and the Plan has been placed on the Town website.

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<sup>14</sup> <https://ero.ontario.ca/notice/019-6168>

<i>Item</i>	<i>Type of public agency</i>	<i>Operation</i>
1.	<i>Municipality</i>	<ol style="list-style-type: none"> <li>1. <i>Administrative offices and related facilities, including municipal council chambers.</i></li> <li>2. <i>Public libraries.</i></li> <li>3. <i>Cultural facilities, indoor recreational facilities and community centres, including art galleries, performing art facilities, auditoriums, indoor sports arenas, indoor ice rinks, indoor swimming pools, gyms and indoor courts for playing tennis, basketball or other sports.</i></li> <li>4. <i>Ambulance stations and associated offices and facilities.</i></li> <li>5. <i>Fire stations and associated offices and facilities.</i></li> <li>6. <i>Police stations and associated offices and facilities.</i></li> <li>7. <i>Storage facilities where equipment or vehicles are maintained, repaired or stored.</i></li> <li>8. <i>Buildings or facilities related to the treatment of water or sewage.</i></li> <li>9. <i>Parking garages.</i></li> </ol>
2.	<i>Municipal service board</i>	<ol style="list-style-type: none"> <li>1. <i>Buildings or facilities related to the treatment of water or sewage.</i></li> </ol>
3.	<i>Post-secondary educational institution</i>	<ol style="list-style-type: none"> <li>1. <i>Administrative offices and related facilities.</i></li> <li>2. <i>Classrooms and related facilities.</i></li> <li>3. <i>Laboratories.</i></li> <li>4. <i>Student residences that have more than three storeys or a building area of more than 600 square metres.</i></li> <li>5. <i>Student recreational facilities and athletic facilities.</i></li> <li>6. <i>Libraries.</i></li> <li>7. <i>Parking garages.</i></li> </ol>
4.	<i>School board</i>	<ol style="list-style-type: none"> <li>1. <i>Schools.</i></li> <li>2. <i>Administrative offices and related facilities.</i></li> <li>3. <i>Parking garages.</i></li> </ol>
5.	<i>Public hospital</i>	<ol style="list-style-type: none"> <li>1. <i>Facilities used for hospital purposes.</i></li> <li>2. <i>Administrative offices and related facilities.</i></li> </ol>