Energy Conservation & Demand Management Plan

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Executive Summary

The former Ontario Green Energy Act Regulation 397/11 (Now Ontario Regulation 25/23) requires Municipalities to report their “goals and objectives” for conserving and otherwise reducing energy consumption and managing its demand for energy.

The Town of Penetanguishene has undertaken the development and implementation of an Energy Conservation and Demand Management Plan (the Plan) in accordance with Ontario Regulation 25/23. This 5-year Plan runs from 2024 to 2028, and a revised and updated Plan will be required by July 1, 2028.

The Town is a small, picturesque municipality located in northern Simcoe County on the shores on Georgian Bay. It was formed in 1882 as a farming and lumber Town. In the 2021 Census of Population conducted by Statistics Canada, Penetanguishene had a population of 10,077 living in 3,976 of its 4,357 total private dwellings, a change of 12.4% from its 2016 population of 8,962.

The area is abundant in natural beauty, known for its long-secluded harbour connecting to Georgian Bay, and its expansive forests. Beyond tourism, key economic drivers include commercial retail, industry, and large health and security institutions.

The structure of this Plan follows the framework laid out by Local Authority Services’ Energy Planning Tool. Local Authority Services (LAS) is a subsidiary of the Association of Municipalities of Ontario. The LAS framework involves 5 key steps: Commitment, Understanding, Planning, Execution, and Evaluation. Each step is outlined, in order, below.

Approach to Energy Conservation

Commitment

Declaration of Commitment

The Town of Penetanguishene is committed to the promotion of responsible energy management, through the implementation of economically viable energy efficiencies and environmental care in all municipal facilities.

Vision

We continue to approach energy management in a strategic manner allowing for the proactive pursuit of optimal energy solutions that lead to environmental, societal, and economic benefits.

Goals

To maximize the efficient use of the Town's fiscal resources.

To minimize the negative environmental impact of the Town's operations.

To improve the energy efficiency within our facilities

To reduce operational costs.

Overall Target

By 2028 we will reduce the energy consumption per square foot of our municipal facilities by 20%, versus our 2019 target of 15%. The annual target will be approximately 4% reduction per year for five years to achieve the overall 20% reduction. Reducing the overall energy consumption of the Town will also directly reduce the associated greenhouse gas emissions.

Objectives

1. To improve the energy efficiency of our facilities by utilizing best practices to reduce our energy consumption and mitigate the impact of energy cost increases.

2. To create a culture of energy conservation among the Town's staff.

3. To improve our municipal staff knowledge of energy consumption and energy conservation.

4. To reduce greenhouse gas emissions associated with our energy use.

Organizational Understanding

The Town of Penetanguishene uses two types of energy in its facilities: electricity and natural gas. Electricity is currently purchased through Local Authority Services' (LAS) bulk purchase program. LAS, is a subsidiary of the Association of Municipalities of Ontario (AMO). The LAS program is intended to provide municipalities with a hedge against price fluctuations, and therefore save them money on electricity. Electricity for the Town is provided by two Local Delivery Companies (LDC's): Alectra/Powerstream and Hydro One.

Natural Gas is purchased through the LAS Bulk Natural Gas Program and delivered through Enbridge Gas. Electricity is used in nearly all the Town's facilities, while natural gas is used at only seven (7) facilities.

How We Manage Energy Today

It is a strategic goal and objective of the Town to ensure that timely maintenance and replacement of existing infrastructure is completed in an environmentally and financially sustainable manner. The Town of Penetanguishene has a solid history in energy conservation initiatives. In 2008 the Town undertook the first large scale installation of LED streetlights in Ontario and completed this project by 2020. The Town changed 100% of the streetlights, replacing the higher energy use metal halide and mercury vapor bulbs, with much more efficient LED technology.

In 2019 the Town installed a charging station at Town Hall to better conserve and promote the increase in electronic vehicles. It is our objective to make this station accessible and available to the public, by locating within our downtown core in a public parking lot we are achieving this. This is a collaborative effort between the

County of Simcoe and the lower tier municipalities to increase the accessibility of green infrastructure and make it more feasible for our residents.

The addition of a Charging Station as well as the purchase of an electric vehicle are both identified as action items within Penetanguishene's Climate Change Action Plan. The installation of this station brings us closer to completing one of those items with the hope of purchasing the first electric fleet vehicle within the next few years.

The EV charging station will follow a revenue neutral model, user fees will be adjusted to cover the cost of electricity, operational and maintenance costs. It is the municipalities' objective to bring green infrastructure to its residents not to profit from them.

Next initiative is to have EV charging stations installed at the Arena, Town Dock and entrance to the Tiny Trail system. These initiatives will be partially covered by grants if successful.

The energy audits were comprised of a thorough external and internal inspection of the buildings. The tools used were able to measure heat loss, air leakage, humidity/moisture issues, and identify areas requiring upgrades and repairs.

Energy conservation projects completed since 2009 have been driven in part by Energy Audits and fall into the categories of lighting, heating/cooling/ventilation, insulation, windows, building envelope upgrades and motors/pumps.

Summary of Current Energy Consumption, Cost and GHGs

The Town's energy consumption is largely concentrated in several high energy use facilities: the arena, the two sewage treatment plants, the Town Hall, and the Payette Well Facility. To track total energy consumption, the various energy types (electricity and natural gas) have been converted into a common unit of the Gigajoule (GJ). To

get an idea of how much energy one (1) gigajoule is, the average house uses 110-120 gigajoules of energy in a year. One Gigajoule is equivalent to 30 L of Gasoline, 39 L of Propane, or 278 kWh of electricity. Furthermore, 1 kWh is equal to using a 100 Watt Light bulb for 10 hours.

For the calendar year 2023, the Town used 3,819,073 kWh of electricity and 131,913 m3 of Natural Gas. This translates to a total energy consumption of 18,668 G.

Renewable Energy Utilized or Planned

While the Town has reviewed several solar photovoltaic projects in the past, it currently utilizes no renewable energy. In addition, the Town currently has no renewable energy projects planned.

Resources Planning

The 5-year Energy Conservation and Demand Management Plan includes both short term and mid-term strategies. Short-term is defined as years one through three of the Plan.

Short-term focus areas will include:

- Establishing an Energy Management Team.
- Developing an energy consumption tracking and reporting process.
- Completing training and education of Town staff.
- Implementing no cost & low-cost programs, processes, and projects; and
- Planning for larger expenditures in future years

Mid-term is defined as years four and five of the Plan. Mid-term focus areas will be:

- Higher cost programs, processes, and projects

Penetanguishene will develop a more focused effort on energy management through the creation of an energy management team. This team will be responsible for the implementation of the Plan and the review of corporate energy management strategies. The team will meet on a quarterly basis to review energy consumption reports, provide

updates on energy initiatives and discuss successes and challenges. Penetanguishene has already demonstrated initiative and progressive action with the LED Streetlight program, and Town Staff have begun to adapt and incorporate energy planning into each department.

Penetanguishene will continue to purchase electricity through Local Authority Services (LAS) Electricity Program and natural gas through LAS's Natural Gas Procurement Program. LAS's program can purchase large bulk quantities for over a hundred municipalities resulting in significant savings for its participants

Projects Execution

On an annual basis, the Town's Energy Team will develop a new Energy Action Plan, made up of a variety of programs, processes and projects. Action Plan items will be limited to one year for completion. Larger action items can be broken down into smaller steps to meet the one-year timeline. By limiting actions to a single year, it facilitates forward movement on many projects simultaneously and allows for the incorporation of new information or technologies that may come available during the term of the Plan. While the Energy Conservation and Demand Management Plan is a snapshot of previously completed projects and planned energy projects, the Action Plan is essentially a to-do list. The Energy Team will implement and monitor the energy projects of the Town and will report annually to the municipal Council on its successes and challenges in implementing the Energy Conservation and Demand Management Plan. The Energy Management Team will also review and update the Plan every 5 years as legislated by the Green Energy Act.

Asset Level

Once the annual Energy Action Plan is completed, it will be the responsibility of the operations team to implement the various action items. In particular, the individual(s) with responsibility for the specific buildings will be responsible for the implementation of the initiatives associated with those buildings. Tracking and reporting will be included in the implementation to allow for measurement of the impact of the actions.

Facility energy use will be tracked and communicated on a regular basis to those responsible for the various assets. In addition, the department heads will review current operating practices of the facilities to ensure consistency across the Town.

Energy Plan Review

The Energy Management Team will review progress towards the overall goals and objectives of the Energy Conservation and Demand Management Plan on an annual basis. In addition, progress on the annual Energy Action Plan initiatives will be tracked and reviewed by the Energy Management Team on a quarterly basis. The regularly tracked energy consumption data will be used to evaluate the success of the implemented energy initiatives. To the extent possible, the costs and resulting energy and greenhouse gas savings of each energy initiative will be calculated as part of the evaluation. The actions that were not completed by year's end will be re-evaluated for the potential inclusion in the following year's Energy Action Plan. By creating single-year Energy Action Plans, the Town will be able to adjust the speed, size, and complexity of energy projects based on current and future internal and external conditions.

Evaluation Progress

Energy Consumption

The total energy consumption by the municipality is represented in gigajoules (GJ). Both electricity consumption (in kWh) and natural gas consumption (in m3) have been converted into GJ for ease of comparison. As previously stated, the Town used 3,819,075 kWh of electricity and 131,913 m3 of Natural Gas in 2023, which equates to a total energy consumption of 18,668 GJ.

Table 1 Total Energy Consumption 2023

Energy Source	Energy Amount	Converted Amount (GJ)
Electricity	3,819,073 kWh	13,748
Natural Gas	131,913 m^3	4,920
Total Energy Consumption		18,668
Source: Town of Penetanguishene data		

Green House Gas Emissions

Each energy source has a different amount of greenhouse gas emissions associated with its use. The greenhouse gas emissions associated with electricity are derived from the way in which the electricity is generated. In Ontario, electricity is generated from a variety of sources: coal (prior to 2014) nuclear, hydroelectric dams, wind, natural gas, and photovoltaic solar. The Ontario government pledged to move away from coal power and towards renewable energy and with the closing of Nanticoke Generating Station in the spring of 2014, the province's electric grid is now coal-free. The greenhouse gas emissions associated with electricity use continue to decline as the province transitions towards clean and renewable energy sources.

The greenhouse gas emissions associated with combustible fuels such as Natural Gas are derived from the actual combustion of those fuels. Table 2 below shows the corresponding greenhouse gas emissions associated with electricity and natural gas.

Table 2 Green House Gas Emissions Factors

Energy Source	Emission Factor
Electricity	0.110 kg CO2e/kWh
Natural Gas	1.891 kg CO2e/m^3
Source: NRCAN Energy Conversion and Emission Factors	

The community of Penetanguishene is aiming to achieve a 6% reduction in its GHG emissions from the 2015 baseline by 2028. This target represents an absolute emission reduction of 4,080 tCO2e relative to the 2015 baseline emissions and a 2028 target of 63,951 tonnes of CO2e.

This reduction is equivalent to:

• Removing approximately 1,007 passenger vehicles from the road.

• 250 residents reducing their annual kilometres travelled by 50km.

• Replacing 166,521 incandescent bulbs with light-emitting diodes (LEDs).

*Equivalent calculations produced by the Government of Canada's Calculator for greenhouse gases and common air contaminants

TRENDS IN ENERGY CONSUMPTION

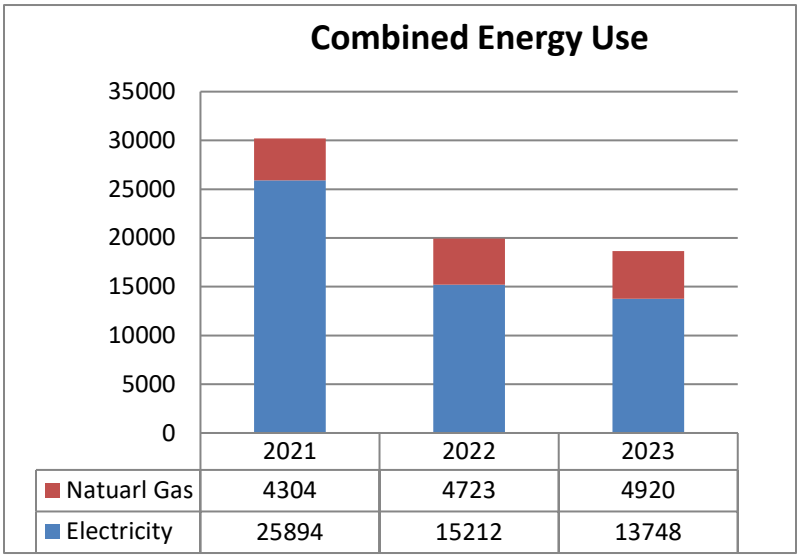
Table 3 below provides a summary of the Town's energy consumption. In order to be able to see overall energy use, the table shows electricity consumption and natural gas consumption in the common unit of Gigajoules (GJ), along with their more traditional measurement units of kilowatt hours (kWh) and cubic metres (m3).

Table 3 Energy Trend & Profile

	2021	2022	2023
Electricity	7,192,907 kWh	4,225,637 kWh	3,819,073 kWh
Natural Gas	113,254 m3	126,630m3	131,913 m3
Electricity – Converted to GJ	25,895 GJ	15,212	13,748
Natural Gas – Converted to GJ	4,304 GJ	4,723	4,920
Total Combined Energy Consumption	**21,591 GJ**	19,935	**18,668**

As can be seen in Figure 1, the Town's overall energy use has reduced over the past three (3) years. Electricity comprises most of the Town's energy use, with natural gas accounting for a smaller portion.

Figure 1 Combined Energy Use



While the Town's total energy use has decreased over the past 3 years, the decrease was driven by the shutdown of one ATAD (Autothermal Thermophilic Aerobic Digestion) reactor at the Main Street Sewage Treatment Plant. Natural gas consumption has risen during the same period with the addition of more facilities utilizing natural gas as an energy source.

ELECTRICITY CONSUMPTION TREND

All the Town's facilities used electricity for most of their energy needs. The Town's electricity consumption has started to decrease over the past three years. During the pandemic electricity had decreased in 2020 up until the opening of facilities in 2021 therefore there is a large increase between these years. With a better awareness of consumption use, the Town was able to decrease their consumption significantly between 2021 and 2022 with a continued downward trend. The downward trend was also contributed by the shutdown of one ATAD (Autothermal Thermophilic Aerobic Digestion) reactor at the Main Street Sewage Treatment Plant.

Table 4 Electricity Consumption

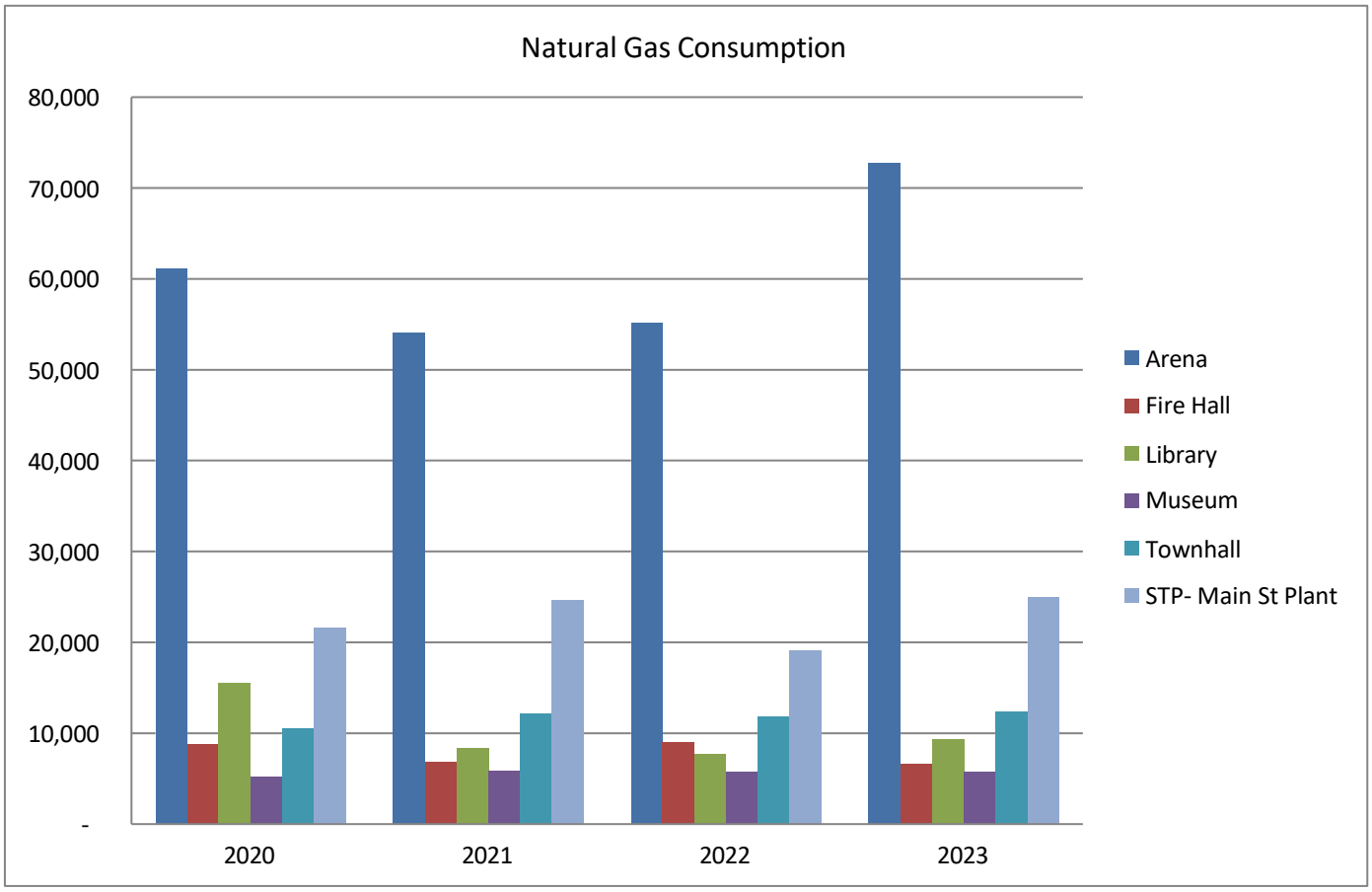
	2021	2022	2023
Electricity (kWh)	7,192,907	4,225,637	3,819,073
Percentage	21%	-41%	-9%

NATURAL GAS CONSUMPTION TREND

Seven of the Town's facilities also use natural gas, mainly for heating, but also for cooling and backup generators where applicable: the arena, the fire hall, the library, the museum, and the Town Hall. The Philip H Jones Pollution Control Plant (Main St.) The library uses natural gas for the furnaces and air conditioners. The largest user of natural gas, the arena, uses natural gas for heating and cooling. At the arena, it is used for the following: the boiler, the HVAC system, the furnace, the seating arena radiant heaters, hot water tanks, the dehumidifier, and at the arena's snack bar. The newly constructed fire hall uses natural gas for the hot water tank and the backup generator. The museum uses natural gas for the hot water tank only, while the Town Hall uses natural gas for its HVAC systems and its backup generator.

Figure 2 below shows the natural gas consumption trend for each of the six (6) buildings.

Figure 2 Natural Gas Facility Consumption

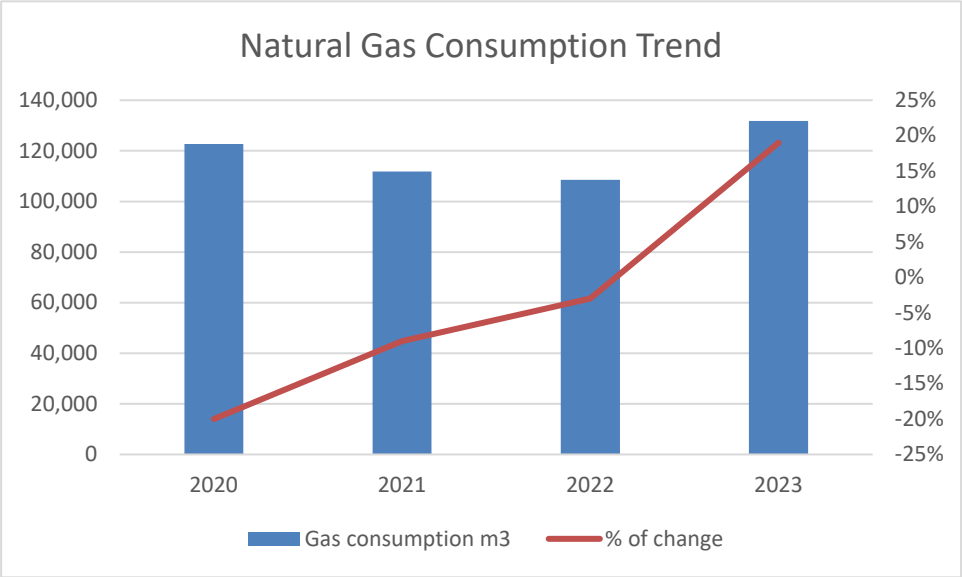


**Source: Energy Consumption Data from Town of Penetanguishene*

The overall consumption trend over the past three (3) years has fluctuated but, on average, has stayed consistent. (see Table 5 and Figure 3.below). While some facilities' consumption has varied, the largest natural gas using facility the arena has used less every year until 2023, this fluctuation in the Arena was due to the pandemic. Overall, the Town used 19% more natural gas in 2023 compared to 2022, and 9% less in 2021 compared to 2020.

Table 5 Natural Gas Consumption	**2020**	**2021**	**2022**	**2023**
Natural Gas Consumption (in m^3)	122,655	111,863	108,493	131,828
Change over previous year	-20%	-9%	-3%	+ 19%

Figure 3.



ENERGY CONSUMPTION TRENDS

Figure 4 below shows the five-year energy trend of Penetanguishene's facilities, in terms of energy use. The majority of the facilities have begun to increase as a reflection of opened facilities after the 2020 and 2021 pandemic which forced the closure of some buildings. From 2020 the consumption has shown a gradual increase within all facilities as shown in the graph below.

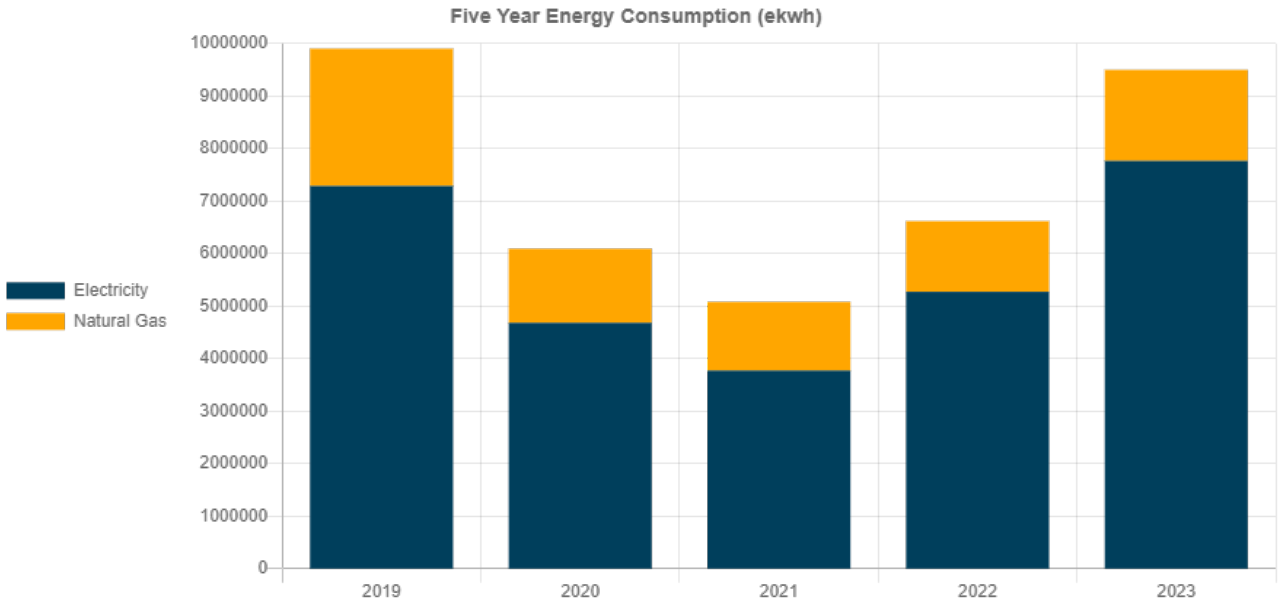


Figure 4 – Five-year energy consumption **Source: Energy Consumption Data from Town of Penetanguishene LAS*

PROGRAMS/PROCESSES/PROJECTS

Energy conservation initiatives will take the form of programs, processes, and projects. Below is a list of initiatives to be considered over the duration of this Plan.

PROGRAMS

Investigate use of LAS free energy audit services for unaudited buildings.

Host quarterly Lunch & Learn sessions for Town staff to support the creation of a culture of conservation

Investigate the possibility of participation in a demand management program to conserve energy and save money by reducing demand on the provincial electricity grid during peak periods.

Develop stories/case studies of successful Town energy initiatives and share them with the entire Town staff and community.

Approved a new Affordable and Sustainable Housing Community Improvement Plan (2024) that would enable the municipality to contribute to construction projects that reduce GHG emissions.

PROCESSES

Implement a process to track monthly energy use and costs for each building and provide year-over-year comparative results to the operations team.

Implement regular review of energy consumption data by appropriate Town staff members.

Utilize the LAS Audit++ and Energy Performance Benchmark Best Practice Reports as reference materials for best practices.

Implement building start-up and shut-down schedules, where appropriate, and add standard work procedures for key building personnel to eliminate waste and maximize equipment efficiencies.

Make use of 'free' cooling in summer by programming a building control system to bring in 100% outdoor air at night.

Turn off printers and copiers at night and on weekends, where possible.

Adapt energy use to reflect Time-of-Use periods where possible. Shifting energy use to off-peak periods would use the same amount of energy but be more cost-effective.

PROJECTS

Complete an internal review of all un-audited Town buildings to confirm the type of lighting, type of heating/cooling, type of thermostats, presence of exhaust fans, presence/type/age of pumps, presence/condition of weather stripping and floor sweeps, and other equipment that utilizes energy.

Continually investigate and pursue energy conservation funding opportunities, such as the Save ON Energy Small Business Lighting program. Additional potential sources of funding can be found at: www.saveONenergy.ca.

Implement real-time monitoring at the highest energy use facilities.

Use the baseline energy consumption data to complete benchmarking.

Complete an analysis of energy demand for the various Town buildings – including drivers of demand and associated costs.

Install a system to automatically turn off heating/cooling when exterior overhead doors are left open.

Enhance building envelope by replacing caulking, weather-stripping, and insulation where appropriate.

Investigate the re-commissioning of buildings that have experienced significant change in use, space configuration, or expansion since their construction.

UPDATE AND PLANNED PROJECTS

In addition to the projects listed above, table 6 provides a summary of energy-related projects currently found in the Town's 5-Year Capital Plan. Table 7 reflects the status of energy related projects within the past ten (10) years.

Table 6 Energy Related Projects from 5 Year Capital Plan (2024 – 2028)

Year	Facility/Department	Project Description	Cost
2024	Public Works-Road	Construction - Expansion of Roads Division Garage - Wash Bay	$1,500,000
2024	Public Works – STP	Pump#2 Replacement STP Main	$25,000
2024	RCS – Museum	Replace two hot water tanks	$10,000
2024	RCS - Museum	Replace two furnaces	$20,000
2025	Public Works – STP	Main St Raw Pump Lower bearing replacement	$20,000
2025	RCS – Arena	Chiller replacement	$130,000
2025	RCS – Arena	Air make up replacement	$100,000
2025	RCS – Arena	Window & exterior sealant replacement	$19,000
2026	Library	Replace interior/exterior doors side entrance	$9,000
2026	Library	Replace main floor windows	$20,000
2026	Public Works – STP	Replacements – Stp Main (raw screw pumps)	$30,000
2026	Public Works – STP	Pump replacement	$65,000
2026	Public Works – STP	Biosolids Upgrades STP Main	$100,000
2026	RCS – Museum	Replace air conditioners	$10,000
2027	Library	Replace main floor windows	$20,000
2027	Public Works – STP	Well maintenance – Payette #3	$45,000
2027	Public Works – STP	Payette booster pump #1	$90,000
2028	Admin – Town Hall	Replacement of plumbing fixtures	$11,000
2028	Library	Heat generating system repair/replace	$6,000
2028	Library	Replace main floor windows	$20,000
2028	Public Works – STP	Beck SPS Upgrades	$150,000
2028	Public Works –Water	Well maintenance – LePage#1 & LePage #2	$25,000
2028	Public Works – Water	LePage Generator & Transfer switch	$200,000
2028	RCS – Museum	Replace heating unit in replica firehall	$10,000

Table 7 Status update from previous Energy Conservation Management Plan (2015-2024)

Year	Facility/Department	Project Description	Cost
2015	Public Works - Main STP	Replace and upgrade Hydrastral Secondary Effluent Pump	$46,306.94 Completed
2015	Public Works - Fox STP	Upgrade Pumps to efficient Variable Frequency Drives	$3,163.47 Completed
2015	Library	Replace air conditioner	$10,851.69 Completed
2015	Public Works – Payette Pumpstation	Construction phase of the Payette water Storage Upgrades	$1,767,878.05 Completed
2016	Arena	Purchase new, more efficient ice resurfacing machine	$78,428.01 Completed
2016	Museum	Replace furnace with new, more efficient model	$3,510.72 Completed
2016	Townhall	Install new doors for old Fire Hall, reduce heat loss	$13,576.91 Completed
2016	Public Works – pump station	Design, Upgrade, and Retrofit the Navy Lane pump station to include new, efficient and properly sized pumps	$1,101,038.23 Completed
2016	Public Works - Fox STP	Replace the return activated sludge pump with new, more efficient pumps	$23,545.64 Completed
2016	Arena	Install new, more efficient HVAC rooftop units	$20,000 Completed
2016	Arena	Install energy control systems to reduce energy demand and consumption	$38,985.00 Completed
2016	Arena	Re-seal the aging condenser joints	$12,000 Completed
2017	Museum	Insulate the museum building roof and repair west side to address building envelope issues	$88,531.26 Completed
2017	Public Works - Main STP	Replace sludge loading pump with new, more efficient pumps	$15,000 Completed
2017	Arena	Upgrade and replace the roof membrane, opportunity to increase insulation and building	$354,993.51 Completed
2017	Arena	Replace hot water tank with new and efficient model	$8572.18 Completed
2017	Arena	Replace and upgrade the compressor	$29,267.00 Completed
2018	Library	Replace and upgrade the outer front doors	$2,158.30 Completed

2018	Museum	Re-shingle roof	$22,500 Completed
2018	Public Works - Fox STP	Replace sludge loading pump with new, more efficient pumps	$11,307.38 Completed
2018	Public Works- Main Street STP	Replacement - Two (2) Compressors at Main Street STP	$30,000 Completed
2019	Public Works- Robert Street	Replacement – Column Pump at Robert Street West Sanitary Pumpstation	$20,000 Completed
2019	Public Works - Fox STP	Upgrade and replace the current de- chlorination system	$349,475.04 Completed
2020	Public Works- Road	Construction - Expansion of Roads Division Garage - Wash Bay	$600,000 To be completed in 2025

Summary

In collaboration with Sustainable Severn Sound Environmental Association (SSEA) and other community partners the town has created a Local Climate Change Action Plan (LCAP). The plan includes both corporate and community Green House gas (GHG) inventories, reduction targets to be achieved by 2028, and recommends 18 actions to reduce municipal and community contributions to climate change. The LCAP is in alignment with other existing plans including 20 Year Community Strategic Plan, Official Plan, Climate Change Risk Assessment, Energy Conservation Demand Management (ECDM) Plan and the Town's general policies of energy conservation and energy efficiency. The Town working through the ECDM Plan and LCAP, are working towards corporate and community GHG reduction targets while also working towards on-going Town priorities. The LCAP builds upon work already completed by the Town (i.e. being the first municipality in Ontario to undertake a large-scale installation of LED streetlights) and encourages these actions to continue through a lens that supports GHG emission reduction.

Some of the recommended action items to reduce GHG emissions, 2019-2028 include;

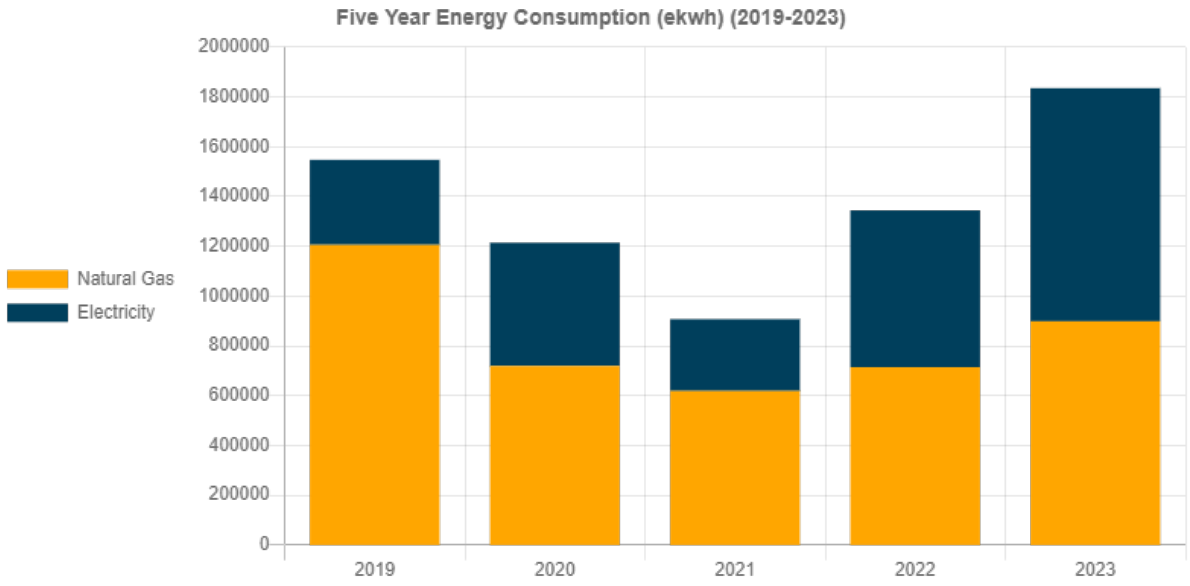
- GHG inventories, targets and climate change action items into Official Plans & Municipal Strategic Plans (i.e. Active Transportation, Transit, Recreation Master plan, Community Wellbeing etc.)
- Ensure business decisions & activities, including staff reports, bids, tenders & contracts – include climate change considerations involving energy efficiency & expected GHG impact of that decision
- Prepare an inventory of municipal buildings & their associated energy audit status (not-completed, completed, implemented, etc.) & utilize this inventory in the update of the municipalities' CDM Plan in 2028, complete further actions as feasible - prioritizing the top 5 GHG emitting buildings & facilities
- Established a Corporate Energy Fund to finance corporate energy retrofit projects
- Prepare a Water Management Plan to reduce corporate & community water use & to minimize the risk for flooding & drought.
- Develop a Sustainable Fleet Management Plan to reduce GHGs associated with corporate transportation

Appendix A: Facility Details

Penetanguishene Memorial Community Centre and Sports Hall of Fame

This facility features one ice surface, meeting rooms and the Sports Hall of Fame.

Facility Information	
Facility Name	Penetanguishene Memorial Community Centre
Address	61 Maria Street
Gross Area (Sq. m)	3,610
Type of Operation	Indoor Recreation Facility
Average Operational Hours Per week	70



ENERGY STAR® Progress & Goals Report

58

ENERGY STAR® Score[1]

Arena

Primary Property Type: Ice/Curling Rink
Gross Floor Area (ft²): 38,857
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Arena
61 Maria street
Penetanguishene, Ontario L9M 1M3

Property ID: 24331403
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 70.0

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

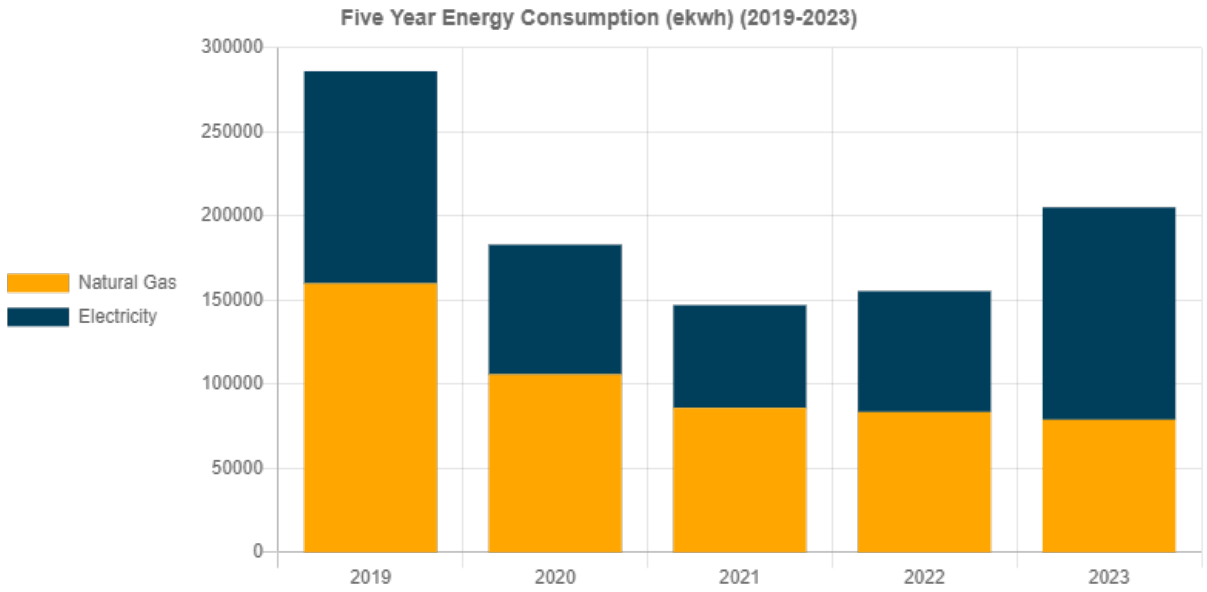
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	49	58	18.4	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	118.7	104.1	-12.3	N/A	112.9	86.5
Source EUI (kBtu/ft²)	162.3	138	-15	N/A	149.7	114.7
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	168.8	155.2	-8.1	N/A	168.3	129
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	4.3	4	-8.1	N/A	4.3	3.3
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Penetanguishene Fire Hall

This facility features our Fire Station, associated offices and training facilities.

Facility Information	
Facility Name	Town of Penetanguishene Fire Department
Address	2 Robillard Drive
Gross Area (Sq. m)	1,012
Type of Operation	Fire Hall
Average Operational Hours Per week	39.9



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N/A

ENERGY STAR® Score[1]

Firehall

Primary Property Type: Fire Station
Gross Floor Area (ft²): 10,893
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Firehall
2 Robillard drive
Penetanguishene, Ontario L9M 1G9

Property ID: 24331416
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 39.99

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

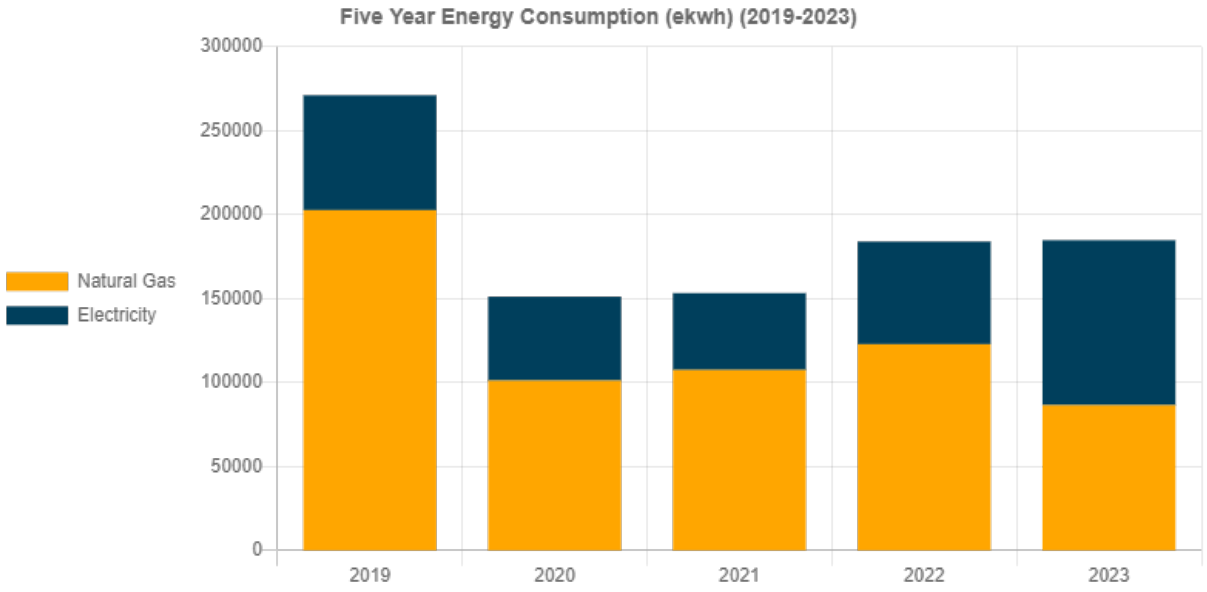
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	49	39.8	-18.7	N/A	76	N/A
Source EUI (kBtu/ft²)	70.4	56	-20.5	N/A	106.8	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	17.6	14.8	-15.9	N/A	28.2	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	1.6	1.4	-15.9	N/A	2.6	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Penetanguishene Public Library

This facility operates as the only public Library for the municipality.

Facility Information	
Facility Name	Penetanguishene Public Library
Address	24 Simcoe Street
Gross Area (Sq. m)	1284
Type of Operation	Public Library
Average Operational Hours Per week	56.98



ENERGY STAR® Progress & Goals Report

100

ENERGY STAR® Score[1]

Library

Primary Property Type: Library
Gross Floor Area (ft²): 13,820
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Library
24 Simcoe street
Penetanguishene, Ontario L9M 1R6

Property ID: 24331417
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 56.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

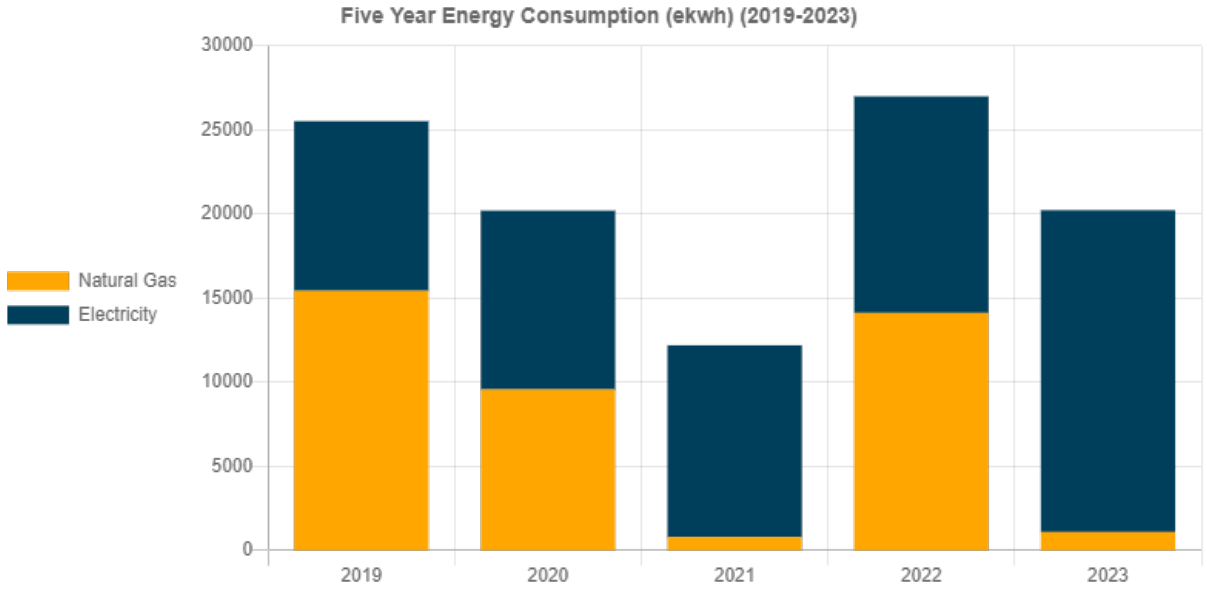
		Progress			Performance Goals	
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	100	100		N/A	50	75
Energy						
Site EUI (kBtu/ft²)	40.3	35.8	-11.2	N/A	109.3	84.6
Source EUI (kBtu/ft²)	53.9	46.6	-13.6	N/A	142.3	110.2
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	21.2	19.6	-7.5	N/A	60	46.4
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	1.5	1.4	-7.5	N/A	4.3	3.4
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Beck - Sanitary Sewer Lift Stations

Sanitary sewer lift stations are used for pumping wastewater and sewage from a lower to higher elevation, particularly where the elevation of the source is not sufficient for gravity flow to the sewage treatment facility.

Facility Information	
Facility Name	Beck, Bellisle, Jennings, Navy Lane & Robert Street West Lift Stations
Address	Various Locations
Gross Area (Sq. m)	0
Type of Operation	Sewage Lift Station
Average Operational Hours Per week	839.9 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Lift station - Beck

Primary Property Type: Wastewater Treatment Plant
Gross Floor Area (ft²): 107
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Lift station - Beck
32 Beck blvd
Penetanguishene, Ontario L9M 1R7

Property ID: 24331418
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

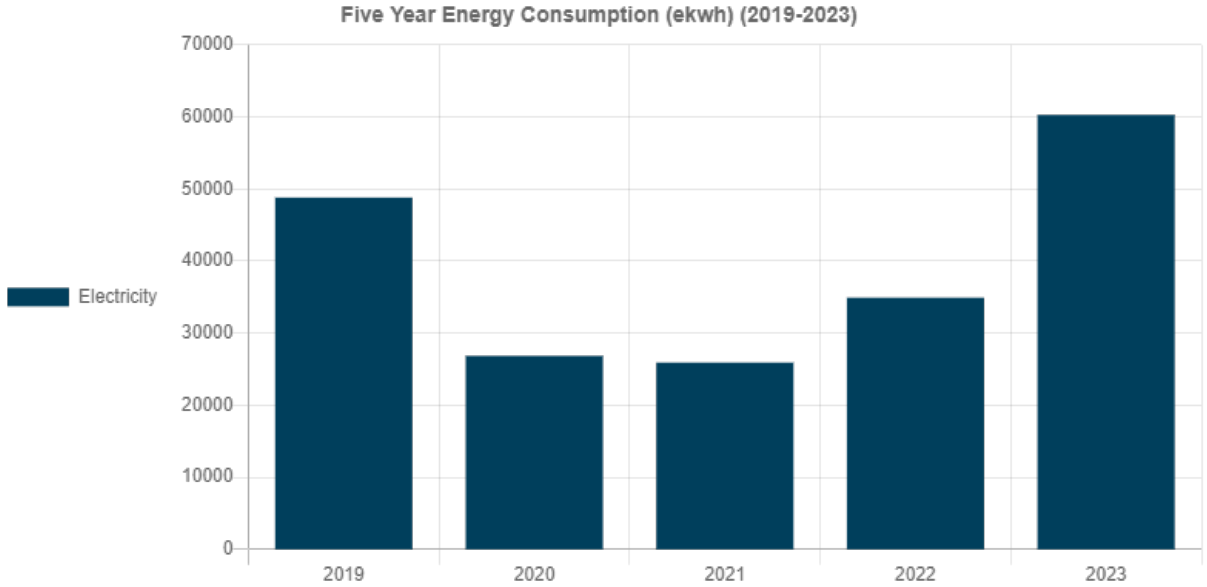
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	N/A	282.1	N/A	N/A	N/A	N/A
Source EUI (kBtu/ft²)	N/A	494	N/A	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.6	0.4	-33.3	N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	N/A	4.2	-33.3	N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Bellisle - Sanitary Sewer Lift Stations

Sanitary sewer lift stations are used for pumping wastewater and sewage from a lower to higher elevation, particularly where the elevation of the source is not sufficient for gravity flow to the sewage treatment facility.

Facility Information	
Facility Name	Beck, Bellisle, Jennings, Navy Lane & Robert Street West Lift Stations
Address	Various Locations
Gross Area (Sq. m)	0
Type of Operation	Sewage Lift Station
Average Operational Hours Per week	839.9 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Lift station - Bellisle

Primary Property Type: Wastewater Treatment Plant
Gross Floor Area (ft²): 473
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Lift station - Bellisle
64 Thompson rd
Penetanguishene, Ontario L9M 1R7

Property ID: 24331404
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

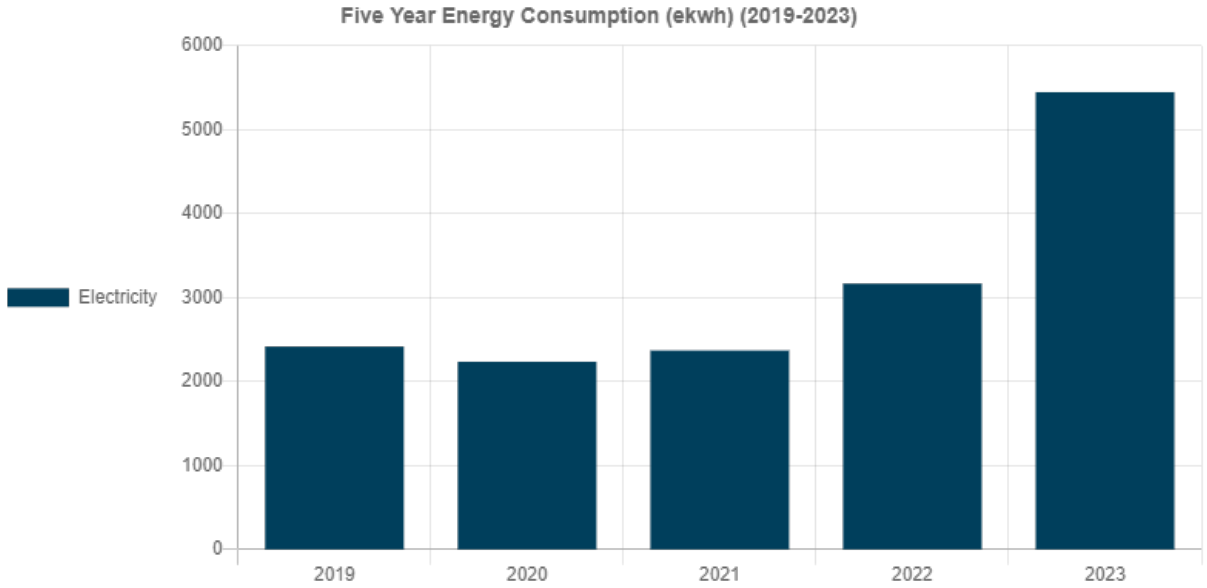
	Progress			Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	152.5	193.4	26.8	N/A	N/A	N/A
Source EUI (kBtu/ft²)	279.1	354	26.8	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.9	1	11.1	N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	1.8	2	11.1	N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Jennings - Sanitary Sewer Lift Stations

Sanitary sewer lift stations are used for pumping wastewater and sewage from a lower to higher elevation, particularly where the elevation of the source is not sufficient for gravity flow to the sewage treatment facility.

Facility Information	
Facility Name	Beck, Bellisle, Jennings, Navy Lane & Robert Street West Lift Stations
Address	Various Locations
Gross Area (Sq. m)	0
Type of Operation	Sewage Lift Station
Average Operational Hours Per week	839.9 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Lift station - Jennings

Primary Property Type: Wastewater Treatment Plant
Gross Floor Area (ft²): 86
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Lift station - Jennings
8-10 Jennings dr
Penetanguishene, Ontario L9M 1R7

Property ID: 24331405
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

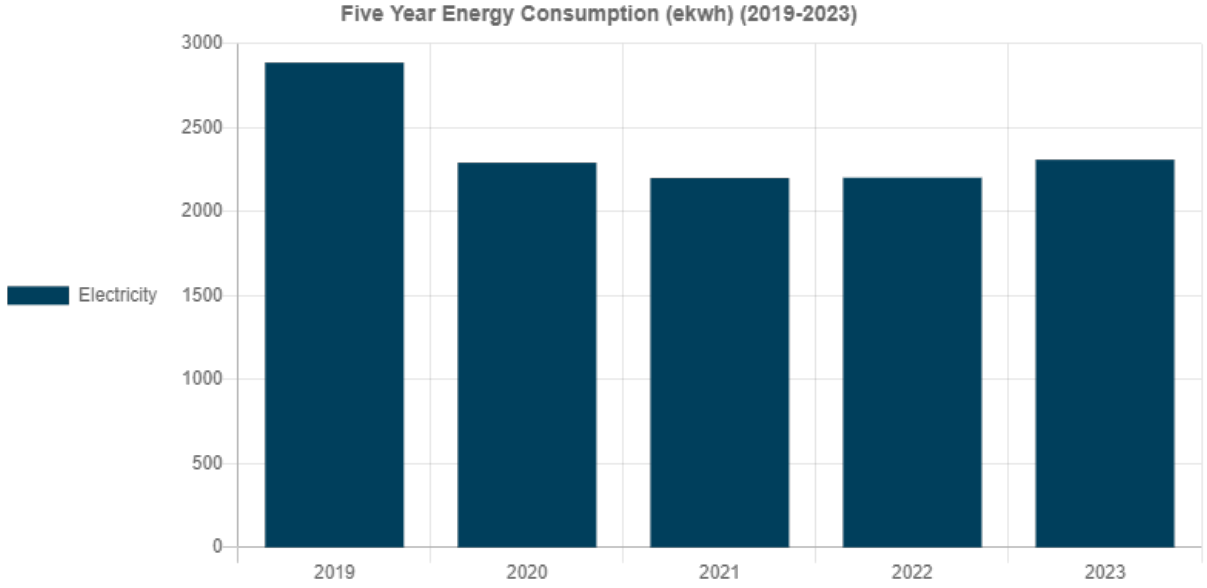
		Progress			Performance Goals	
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	N/A	97.6	N/A	N/A	N/A	N/A
Source EUI (kBtu/ft²)	N/A	178.5	N/A	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.1	0.1		N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	N/A	1		N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Navy Lane - Sanitary Sewer Lift Stations

Sanitary sewer lift stations are used for pumping wastewater and sewage from a lower to higher elevation, particularly where the elevation of the source is not sufficient for gravity flow to the sewage treatment facility.

Facility Information	
Facility Name	Beck, Bellisle, Jennings, Navy Lane & Robert Street West Lift Stations
Address	Various Locations
Gross Area (Sq. m)	0
Type of Operation	Sewage Lift Station
Average Operational Hours Per week	839.9 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Lift station - Navy Lane

Primary Property Type: Wastewater Treatment Plant
Gross Floor Area (ft²): 269
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Lift station - Navy Lane
292 Fox st
Penetanguishene, Ontario L9M 1R7

Property ID: 24331406
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

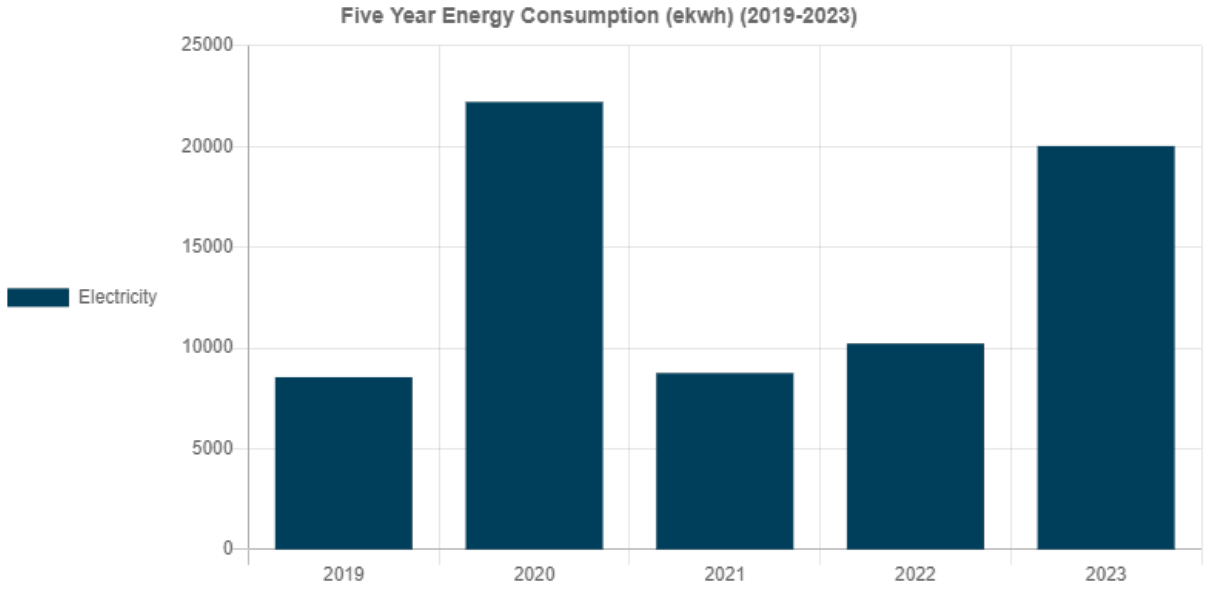
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	N/A	26.3	N/A	N/A	N/A	N/A
Source EUI (kBtu/ft²)	N/A	48.2	N/A	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.2	0.1	-50	N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	N/A	0.3	-50	N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Robert St West - Sanitary Sewer Lift Stations

Sanitary sewer lift stations are used for pumping wastewater and sewage from a lower to higher elevation, particularly where the elevation of the source is not sufficient for gravity flow to the sewage treatment facility.

Facility Information	
Facility Name	Beck, Bellisle, Jennings, Navy Lane & Robert Street West Lift Stations
Address	Various Locations
Gross Area (Sq. m)	0
Type of Operation	Sewage Lift Station
Average Operational Hours Per week	839.9 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Lift station - Rob W

Primary Property Type: Wastewater Treatment Plant
Gross Floor Area (ft²): 269
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Lift station - Rob W
139 Robert st W
Penetanguishene, Ontario L9M 1R7

Property ID: 24331419
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

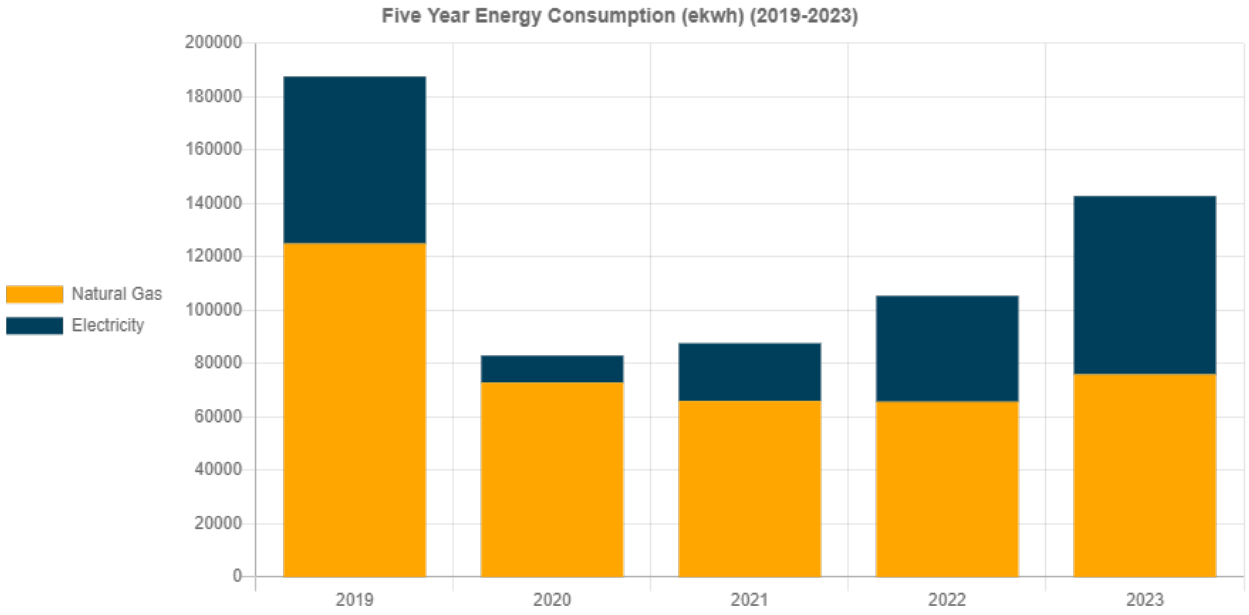
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	N/A	102.9	N/A	N/A	N/A	N/A
Source EUI (kBtu/ft²)	N/A	188.2	N/A	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.2	0.3	50	N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	N/A	1.1	50	N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Penetanguishene Centennial Museum

This facility features our museum and archives for the town, there is also a meeting room and storage.

Facility Information	
Facility Name	Penetanguishene Centennial Museum
Address	13 Burke
Gross Area (Sq. m)	1070
Type of Operation	Cultural Facilities
Average Operational Hours Per week	54.58



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N/A

ENERGY STAR® Score[1]

Muse um Garage

Primary Property Type: Other - Public Services
Gross Floor Area (ft²): 1,022
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Museum Garage
38 Chatham st
Penetanguishene, Ontario L9M 1C1

Property ID: 24331420
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 9.59

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

		Progress			Performance Goals	
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	16.8	2.2	-86.7	N/A	57.1	N/A
Source EUI (kBtu/ft²)	18.9	4.1	-78.3	N/A	104.6	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.8	0	-100	N/A	0.6	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	0.8	0	-100	N/A	0.6	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

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N/A

ENERGY STAR® Score[1]

Museum

Primary Property Type: Other - Entertainment/ Public Assembly
Gross Floor Area (ft²): 10,494
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Museum
13 Burke street
Penetanguishene, Ontario L9M 1C1

Property ID: 24331421
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 44.99

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

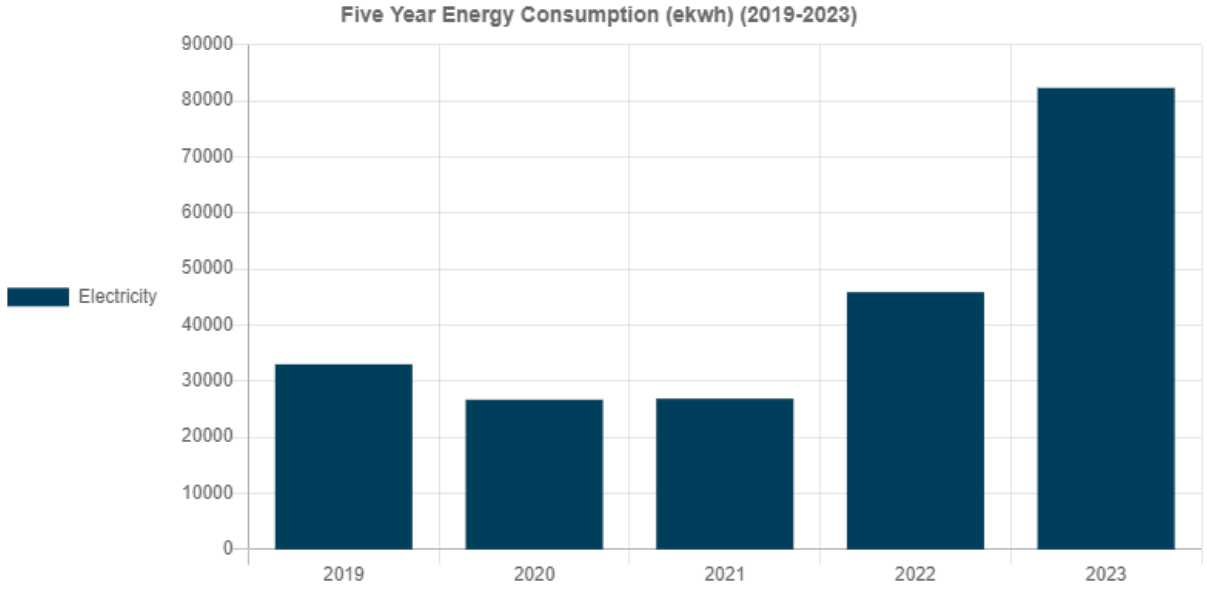
		Progress			Performance Goals	
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	20.7	23.6	14	N/A	89.3	N/A
Source EUI (kBtu/ft²)	24.6	27.6	12.1	N/A	104.6	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	10	11.6	16	N/A	43.9	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	0.9	1.1	16	N/A	4.2	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
(gal/ft²)						
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Town Dock – Tourist Information Centre

This facility operates only in the summer months from May through to October as the Tourist Information Centre and Harbor Masters office.

Facility Information	
Facility Name	Tourist Information Centre
Address	1 Main Street
Gross Area (Sq. m)	150
Type of Operation	Administrative office and tourist information.
Average Operational Hours Per week	23.28



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N/A

ENERGY STAR® Score[1]

Park - Town Dock

Primary Property Type: Office
Gross Floor Area (ft²): 1,614
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Park - Town Dock
1 Main st
Penetanguishene, Ontario l9m 1l7

Property ID: 24331407
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 23.28

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

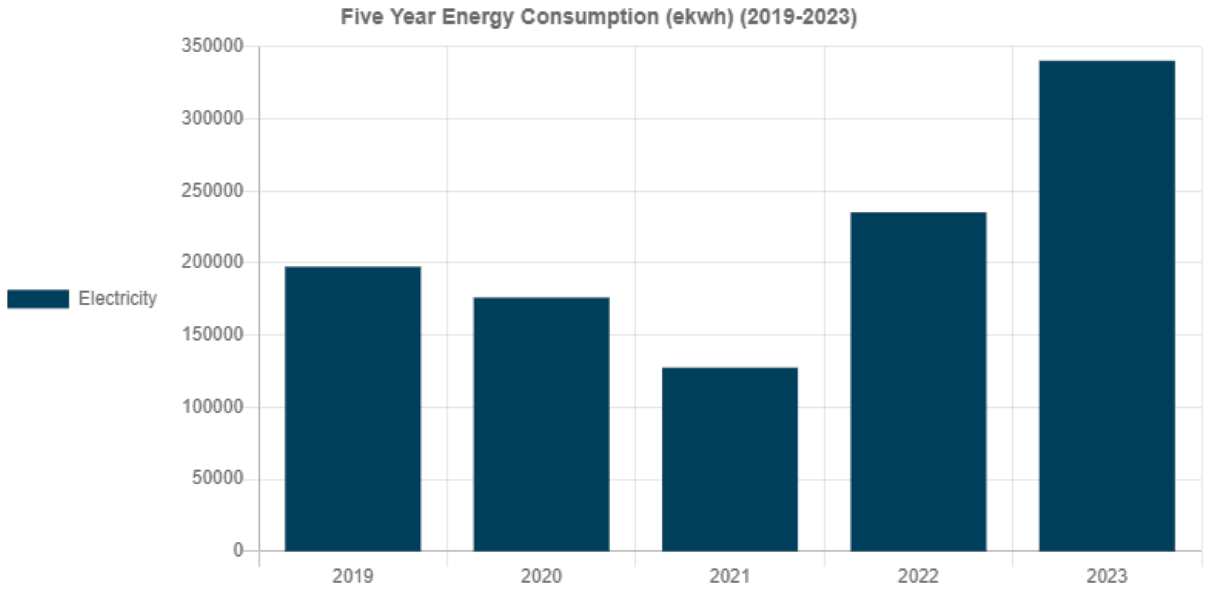
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	93.5	81.6	-12.7	N/A	59.9	N/A
Source EUI (kBtu/ft²)	171.1	149.3	-12.7	N/A	109.7	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	1.8	1.4	-22.2	N/A	1	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	1.1	0.9	-22.2	N/A	0.6	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Public Works – Roads Garage

This facility features the public works yard and offices for our Roads Supervisor and Lead Hand.

Facility Information	
Facility Name	Public Works Roads Garage
Address	24 Centennial Drive
Gross Area (Sq. m)	557
Type of Operation	Public Works Yard
Average Operational Hours Per week	39.9



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N/A

ENERGY STAR® Score[1]

Public Works - Roads

Primary Property Type: Other - Public Services
Gross Floor Area (ft²): 5,995
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Public Works - Roads
24 Centennial drive
Penetanguishene, Ontario L9M 1R7

Property ID: 24331408
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 39.99

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

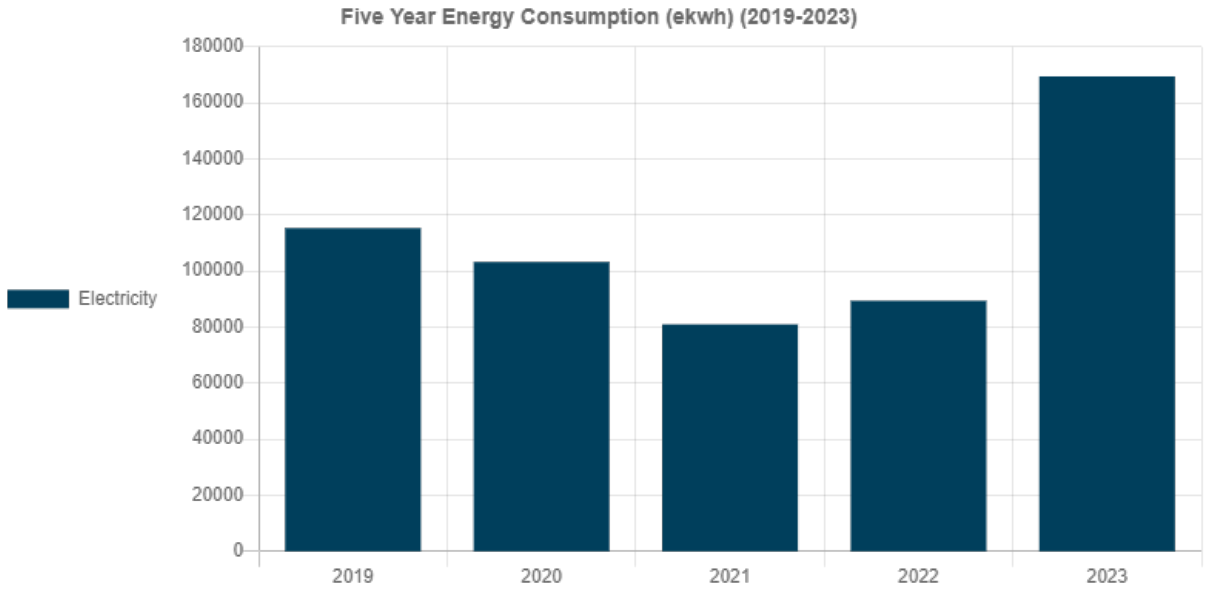
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	51.8	90	73.7	N/A	57.1	N/A
Source EUI (kBtu/ft²)	94.9	164.8	73.7	N/A	104.6	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	3.7	5.7	54.1	N/A	3.6	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	0.6	0.9	54.1	N/A	0.6	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Public Works – Administration & Water Building

This facility features public works administration, the water department as well as transportation and engineering.

Facility Information	
Facility Name	Public Works Administration & Water Building
Address	22 Centennial Drive
Gross Area (Sq. m)	690
Type of Operation	Administration & Water Works
Average Operational Hours Per week	39.9



ENERGY STAR® Progress & Goals Report

98

ENERGY STAR® Score[1]

Public Works - Water & Admin

Primary Property Type: Office
Gross Floor Area (ft²): 7,427
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Public Works - Water & Admin
22 Centennial drive
Penetanguishene, Ontario L9M 1R7

Property ID: 24331409
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 39.99

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

		Progress			Performance Goals	
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	97	98	1	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	31.9	28.6	-10.3	N/A	64.3	49.7
Source EUI (kBtu/ft²)	58.3	52.3	-10.3	N/A	117.7	91
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	2.8	2.2	-21.4	N/A	5	3.9
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	0.4	0.3	-21.4	N/A	0.7	0.5
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

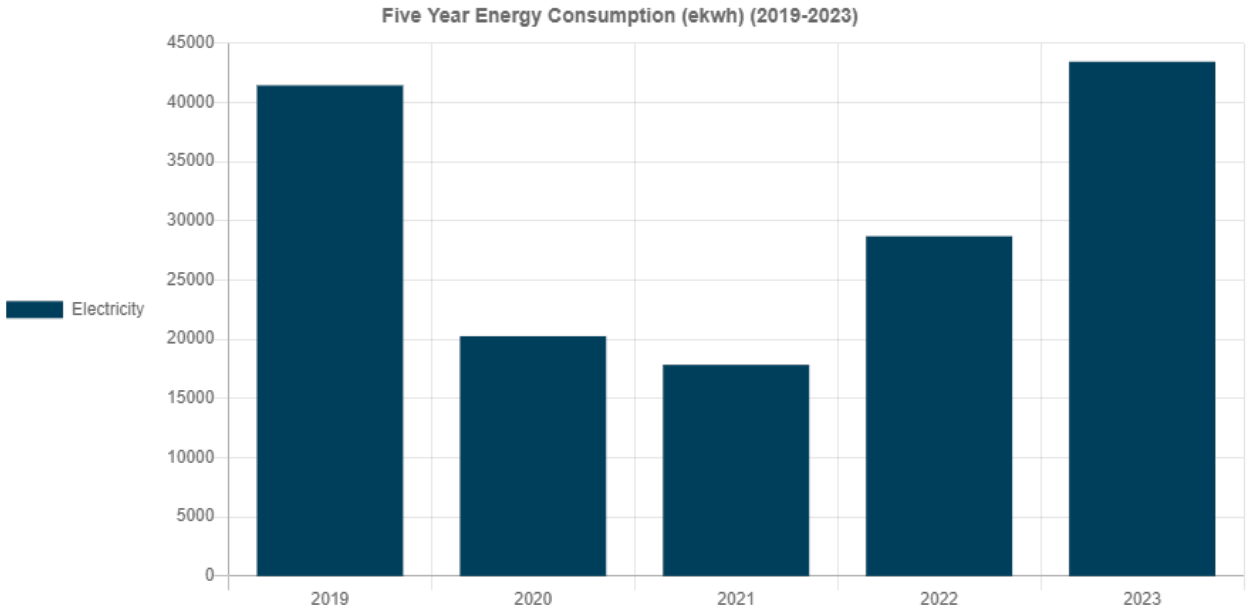
*Setting and managing water targets is not yet available in Portfolio Manager.

Lepage - Pump Station

(Lepage Station)

Pump stations are used to pump water from lower elevations to higher elevations.

Facility Information	
Facility Name	Lepage, Payette & Robert Street West Pump Stations
Address	Various Locations
Gross Area (Sq. m)	210.57
Type of Operation	Water Pump Stations
Average Operational Hours Per week	503.94 (Combined Total)



ENERGY STAR® Progress & Goals Report

N/A

ENERGY STAR® Score[1]

Pump station - Lepage

Primary Property Type: Drinking Water Treatment & Distribution
Gross Floor Area (ft²): 538
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Pump station - Lepage
45A Lepage dr
Penetanguishene, Ontario L9M 1R7

Property ID: 24331422
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

		Progress			Performance Goals	
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	N/A	124.9	N/A	N/A	N/A	N/A
Source EUI (kBtu/ft²)	N/A	228.6	N/A	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.8	0.7	-12.5	N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	N/A	1.3	-12.5	N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

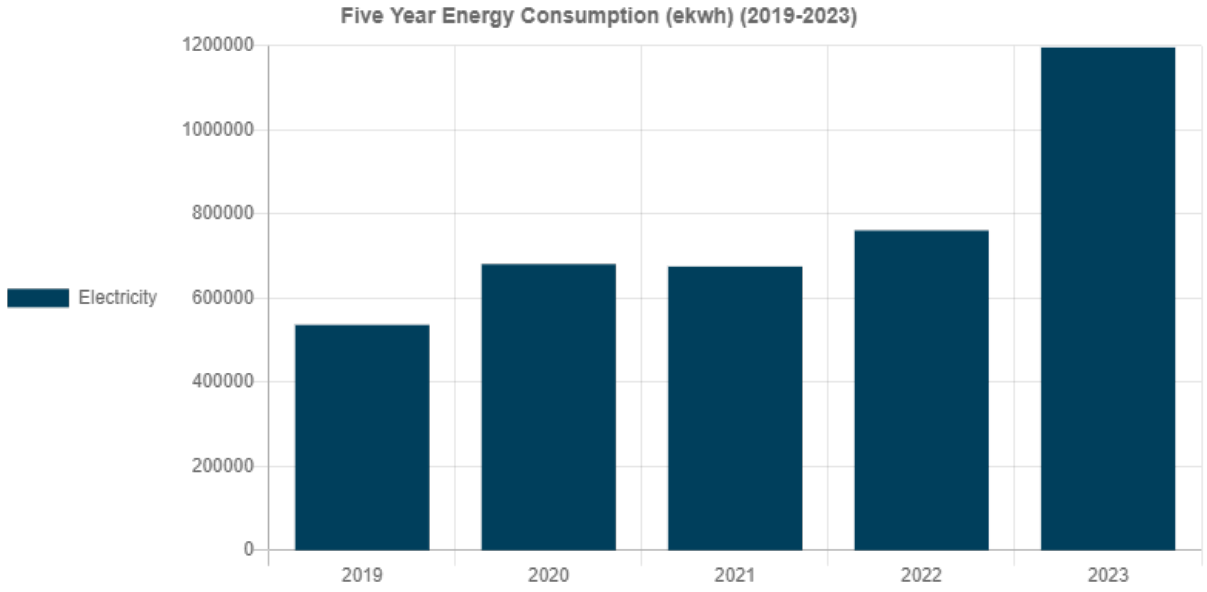
*Setting and managing water targets is not yet available in Portfolio Manager.

Payette - Pump Station

(Lepage Station)

Pump stations are used to pump water from lower elevations to higher elevations.

Facility Information	
Facility Name	Lepage, Payette & Robert Street West Pump Stations
Address	Various Locations
Gross Area (Sq. m)	210.57
Type of Operation	Water Pump Stations
Average Operational Hours Per week	503.94 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Pump station - Payette

Primary Property Type: Drinking Water Treatment & Distribution
Gross Floor Area (ft²): 1,399
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Pump station - Payette
64 payette
Penetanguishene, Ontario L9M 1R7

Property ID: 24331423
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

	Progress			Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	N/A	1,403.3	N/A	N/A	N/A	N/A
Source EUI (kBtu/ft²)	N/A	2,568	N/A	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	24.9	20.7	-16.9	N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	N/A	14.8	-16.9	N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

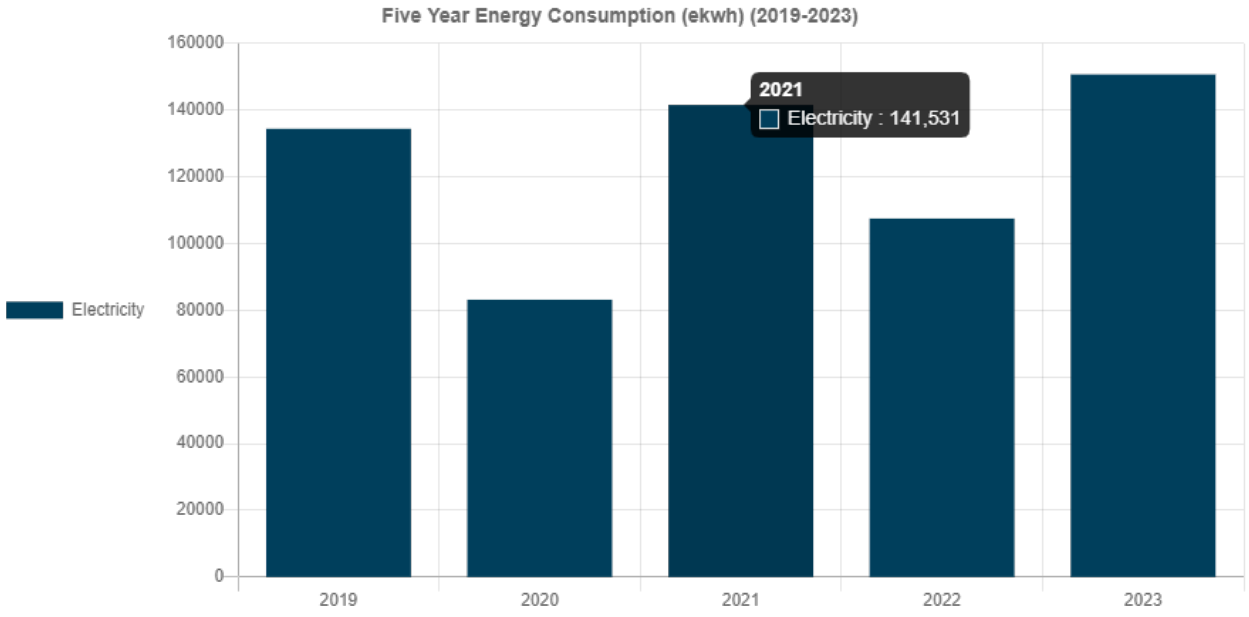
*Setting and managing water targets is not yet available in Portfolio Manager.

Robert St W - Pump Station

(Lepage Station)

Pump stations are used to pump water from lower elevations to higher elevations.

Facility Information	
Facility Name	Lepage, Payette & Robert Street West Pump Stations
Address	Various Locations
Gross Area (Sq. m)	210.57
Type of Operation	Water Pump Stations
Average Operational Hours Per week	503.94 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Pump station - Rob W

Primary Property Type: Drinking Water Treatment & Distribution
Gross Floor Area (ft²): 1,291
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Pump station - Rob W
199 Robert st W
Penetanguishene, Ontario L9M 1R7

Property ID: 24331424
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

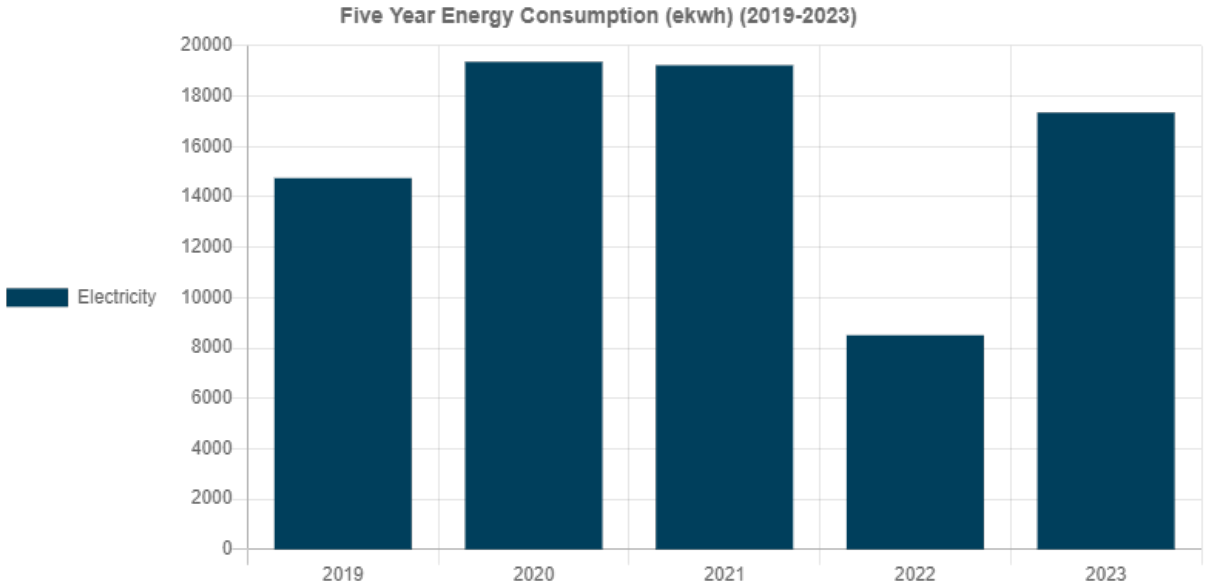
		Progress			Performance Goals	
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	N/A	225.3	N/A	N/A	N/A	N/A
Source EUI (kBtu/ft²)	N/A	412.3	N/A	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	2.6	3.1	19.2	N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	N/A	2.4	19.2	N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Gilwood Park Dr - Monitoring Station

The monitoring stations are used to obtain water samples and monitor the water distribution system at various locations around the municipality.

Facility Information	
Facility Name	Gilwood, Robert Street East, & Sandy Bay Road Sample Stations
Address	Various Locations
Gross Area (Sq. m)	150 (Combined Total)
Type of Operation	Water Sampling Stations
Average Operational Hours Per week	671.98 (Combined Total)



ENERGY STAR® Progress & Goals Report

N/A

ENERGY STAR® Score[1]

Sample station - Gilwood

Primary Property Type: Other - Public Services
Gross Floor Area (ft²): 376
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Sample station - Gilwood
41 Gilwood Park dr
Penetanguishene, Ontario L9M 1R7

Property ID: 24331411
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 168

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

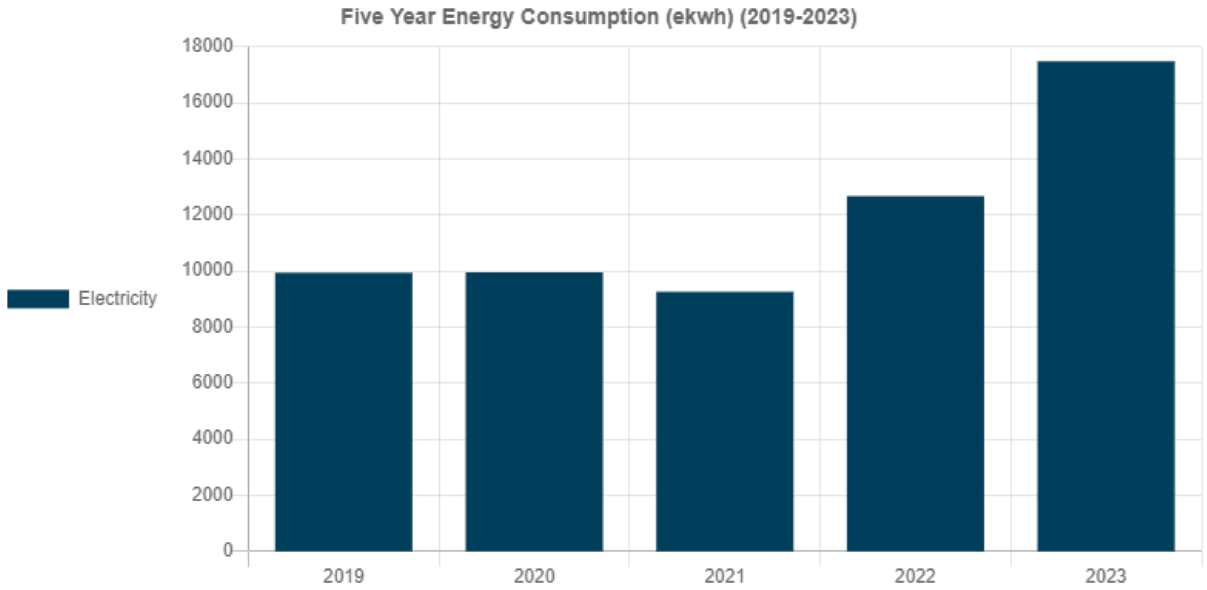
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	76.2	87.7	15	N/A	57.1	N/A
Source EUI (kBtu/ft²)	139.5	160.4	15	N/A	104.6	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.3	0.3		N/A	0.2	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	0.9	0.9		N/A	0.6	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Robert St E - Monitoring Station

The monitoring stations are used to obtain water samples and monitor the water distribution system at various locations around the municipality.

Facility Information	
Facility Name	Gilwood, Robert Street East, & Sandy Bay Road Sample Stations
Address	Various Locations
Gross Area (Sq. m)	150 (Combined Total)
Type of Operation	Water Sampling Stations
Average Operational Hours Per week	671.98 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Sample station - Rob E

Primary Property Type: Other - Public Services
Gross Floor Area (ft²): 592
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Sample station - Rob E
29 Robert st E
Penetanguishene, Ontario L9M 1R7

Property ID: 24331412
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

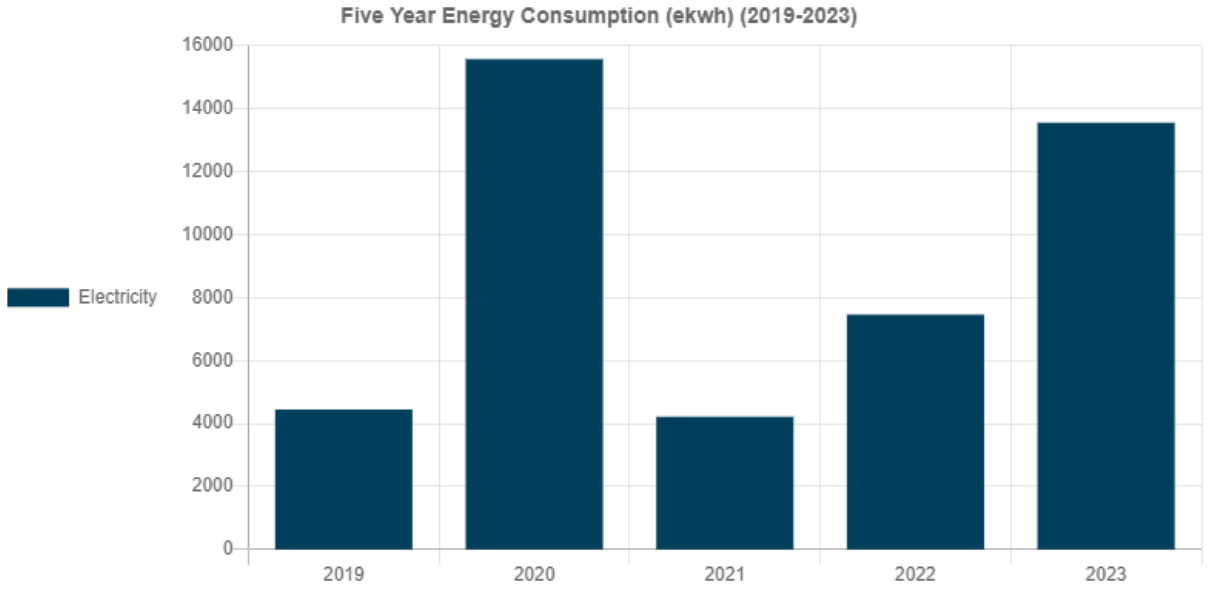
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	50.6	46.4	-8.3	N/A	57.1	N/A
Source EUI (kBtu/ft²)	92.5	84.9	-8.3	N/A	104.6	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.4	0.3	-25	N/A	0.4	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	0.6	0.5	-25	N/A	0.6	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Robert St W - Monitoring Stations

The monitoring stations are used to obtain water samples and monitor the water distribution system at various locations around the municipality.

Facility Information	
Facility Name	Gilwood, Robert Street East, & Sandy Bay Road Sample Stations
Address	Various Locations
Gross Area (Sq. m)	150 (Combined Total)
Type of Operation	Water Sampling Stations
Average Operational Hours Per week	671.98 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Sample station - Rob W 2

Primary Property Type: Other - Public Services
Gross Floor Area (ft²): 215
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Sample station - Rob W 2
199 Robert st W
Penetanguishene, Ontario L9M 1R7

Property ID: 24331425
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 168.0

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

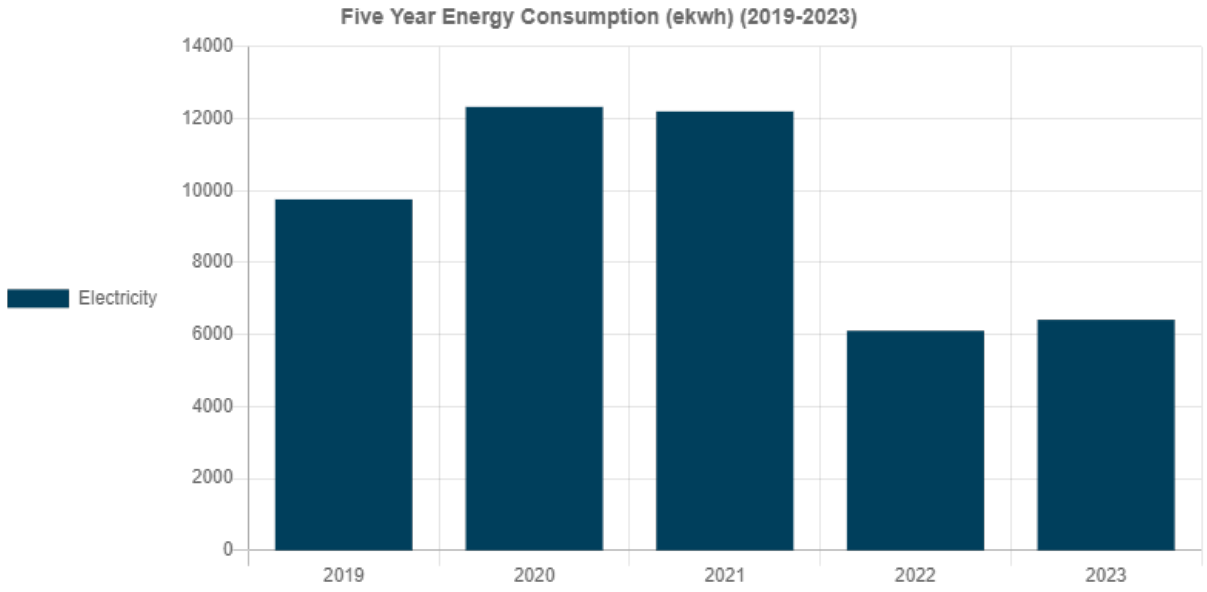
	Progress			Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	355.4	100	-71.9	N/A	57.1	N/A
Source EUI (kBtu/ft²)	650.4	182.9	-71.9	N/A	104.6	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.9	0.2	-77.8	N/A	0.1	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	4.3	1.1	-77.8	N/A	0.6	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Sandy bay Road- Monitoring Stations

The monitoring stations are used to obtain water samples and monitor the water distribution system at various locations around the municipality.

Facility Information	
Facility Name	Gilwood, Robert Street East, & Sandy Bay Road Sample Stations
Address	Various Locations
Gross Area (Sq. m)	150 (Combined Total)
Type of Operation	Water Sampling Stations
Average Operational Hours Per week	671.98 (Combined Total)



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N/A

ENERGY STAR® Score[1]

Sample station - Sandy bay

Primary Property Type: Other - Public Services
Gross Floor Area (ft²): 538
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Sample station - Sandy bay
1121 Sandy Bay rd
Penetanguishene, Ontario L9M 1R7

Property ID: 24331426
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 168.0

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

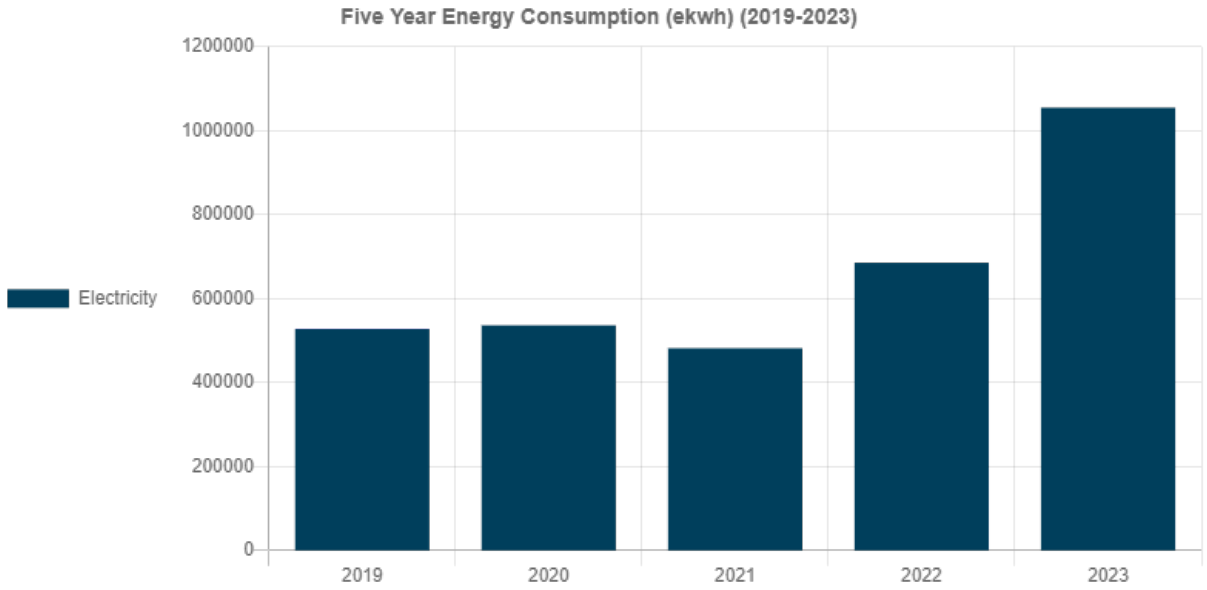
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	33.4	24	-28.2	N/A	57.1	N/A
Source EUI (kBtu/ft²)	61.2	43.9	-28.2	N/A	104.6	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	0.2	0.1	-50	N/A	0.3	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	0.4	0.3	-50	N/A	0.6	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Fox Street Sewage Treatment Facility

This sewage treatment facility treats approximately 18% of the municipalities waste.

Facility Information	
Facility Name	Fox Street Sewage Treatment Facility
Address	146 Fox Street
Gross Area (Sq. m)	2,139
Type of Operation	Sewage Treatment Facility
Average Operational Hours Per week	167



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N/A

ENERGY STAR® Score[1]

STP - Fox

Primary Property Type: Wastewater Treatment Plant
Gross Floor Area (ft²): 1,506
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
STP - Fox
146 Fox street
Penetanguishene, Ontario L9M 1R7

Property ID: 24331427
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

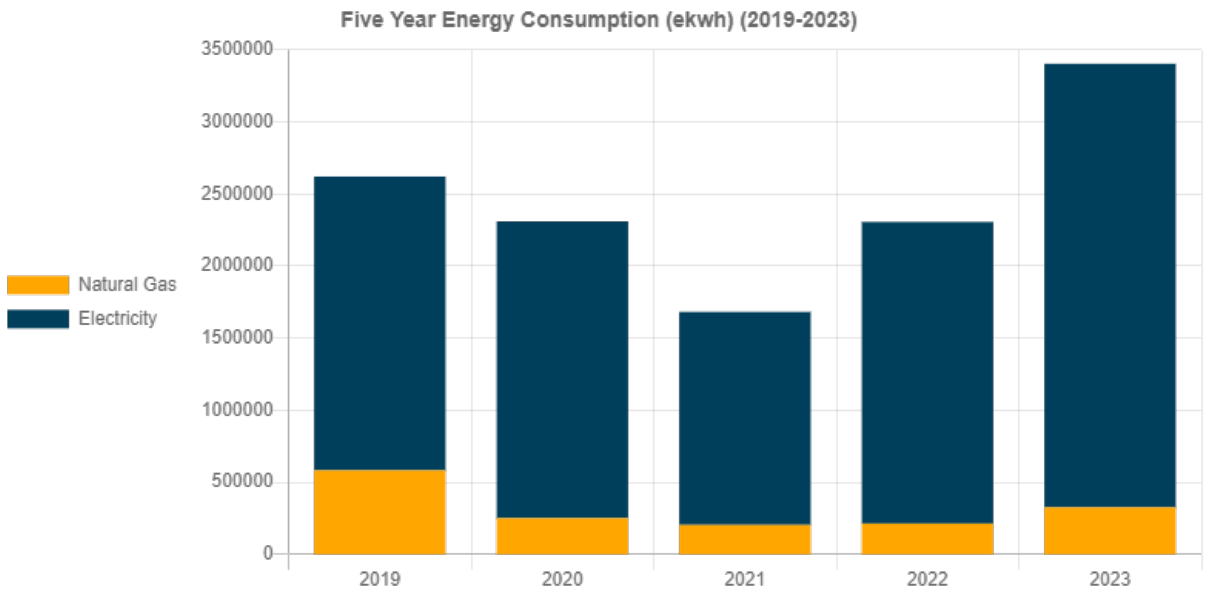
		Progress		Performance Goals		
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	N/A	1,135.4	N/A	N/A	N/A	N/A
Source EUI (kBtu/ft²)	N/A	2,077.8	N/A	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	21.1	18	-14.7	N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	N/A	12	-14.7	N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.

Philip H Jones Pollution Control Plant

This facility is the main sewage treatment plant for the town, it has undergone significant renovations in the last 5 years and treats approximately 82% of the municipalities waste.

Facility Information	
Facility Name	Philip H Jones Pollution Control Plan
Address	24 Main Street
Gross Area (Sq. m)	15,089
Type of Operation	Sewage Treatment Facility
Average Operational Hours Per week	167



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N/A

ENERGY STAR® Score[1]

STP - Main

Primary Property Type: Wastewater Treatment Plant
Gross Floor Area (ft²): 2,647
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
STP - Main
24 Main street
Penetanguishene, Ontario L9M 1R7

Property ID: 24331413
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 167.98

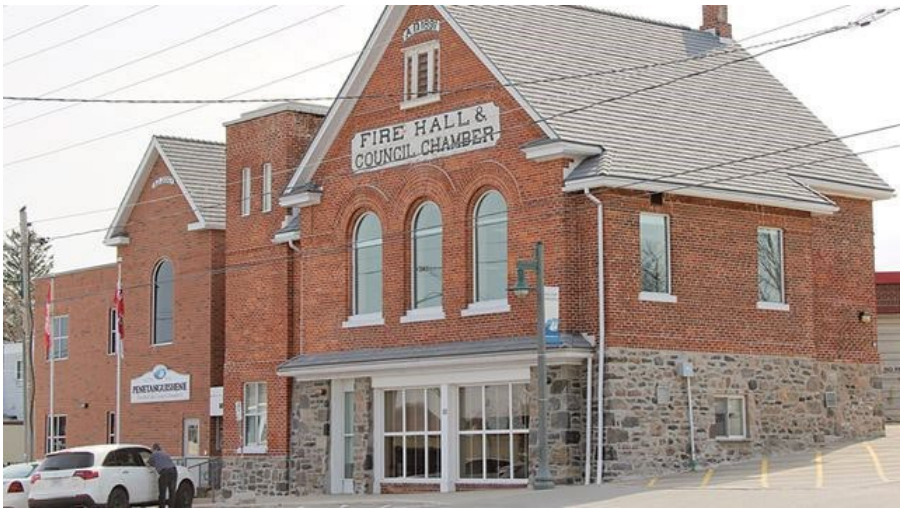
1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

		Progress			Performance Goals	
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	N/A	N/A	N/A	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	N/A	2,242.5	N/A	N/A	N/A	N/A
Source EUI (kBtu/ft²)	N/A	3,838.7	N/A	N/A	N/A	N/A
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	197.6	101.3	-48.7	N/A	N/A	N/A
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	N/A	38.3	-48.7	N/A	N/A	N/A
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

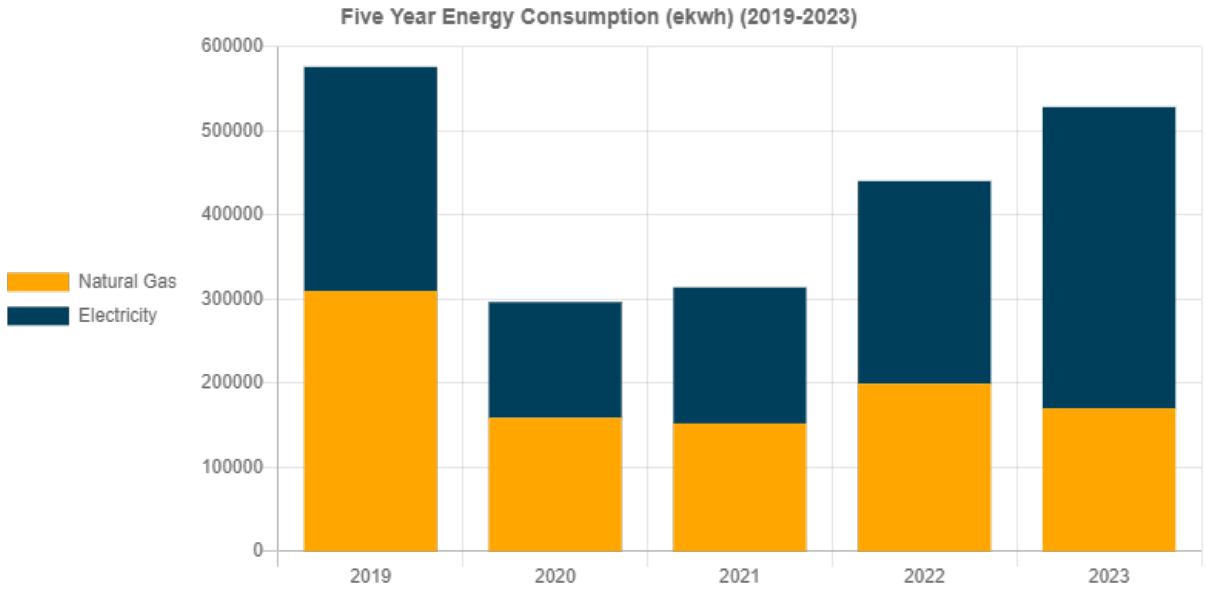
*Setting and managing water targets is not yet available in Portfolio Manager.

Townhall



Townhall and Council Chambers is a historic building within the town and features administration services such as Finance, Corporate Services, Planning and Recreation.

Facility Information	
Facility Name	Town of Penetanguishene
Address	10 Robert Street West
Gross Area (Sq. m)	2,487
Type of Operation	Administration
Average Operational Hours Per week	39.9



ENERGY STAR® Progress & Goals Report

97

ENERGY STAR® Score[1]

Townhall

Primary Property Type: Office
Gross Floor Area (ft²): 26,769
Built: 1999

For Year Ending: December 31, 2023
Date Generated: September 06, 2024

Property Address:
Townhall
10 Robert Street West
Penetanguishene, Ontario L9M 2G2

Property ID: 24331414
Organization: Town of Penetanguishene
SubSector: Municipality
Weekly Average Hours: 39.99

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Performance Comparison

		Progress			Performance Goals	
	Baseline (Ending Date 12/31/2016)	(Ending Date 12/31/2023)	**% Change**	**Property's Target**	**National Median**	**ENERGY STAR Score of 75**
ENERGY STAR Score	99	97	-2	N/A	50	75
Energy						
Site EUI (kBtu/ft²)	33.9	38.6	14	N/A	84.2	65.1
Source EUI (kBtu/ft²)	49.5	57.8	16.6	N/A	125.8	97.2
Energy Cost ($)	N/A	N/A	N/A	N/A	N/A	N/A
Energy Cost Intensity ()	N/A	N/A	N/A	N/A	N/A	N/A
Total (Location-Based) GHG Emissions						
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	28.7	30.1	4.9	N/A	65.5	50.6
Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	1.1	1.1	4.9	N/A	2.4	1.9
Water						
All Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use (kgal)	N/A	N/A	N/A	*	*	*
Indoor Water Use Intensity (gal/ft²)	N/A	N/A	N/A	*	*	*
Total Water Cost ($)	N/A	N/A	N/A	*	*	*

*Setting and managing water targets is not yet available in Portfolio Manager.