



Energy Consumption Report

Comprehensive Overview
2025

**Powering Progress: Sustainable Energy for a Healthier
Future at Stevenson Memorial Hospital**



stevensonhospital.ca



200 Fletcher Crescent, Alliston

Executive Summary

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This energy report provides an overview of the energy initiatives at Stevenson Memorial Hospital, highlighting our ongoing commitment to sustainability and energy efficiency as our hospital redevelopment project moves forward. In 2025, construction began on our new state-of-the-art hospital, which is being built around our existing facility. The redevelopment is designed to meet the growing healthcare needs of our community while supporting our environmental responsibilities.

Our vision for the new hospital is centred on significantly reducing energy consumption while maintaining the highest standards of patient care and comfort. Through the integration of innovative energy-efficient technologies and sustainable building practices, we are embedding environmental stewardship into every stage of the project's design, construction, and future operation.



Key strategies include the use of advanced HVAC systems, energy-efficient lighting, smart building technologies, and renewable energy sources, where feasible. The building will also feature high-performance insulation and energy-efficient windows to reduce heating and cooling demand. Additionally, we will prioritize building materials with lower environmental impact, focusing on reducing carbon footprints and waste.

By implementing these energy-saving measures, Stevenson Memorial Hospital is not only aiming for cost-effective operations but also reinforcing our commitment to sustainability and environmental stewardship. This energy-conscious approach aligns with our broader goals to minimize operational costs, reduce environmental impact, and contribute to a greener future for our community. We are excited about the progress and are dedicated to making every effort to ensure energy efficiency is at the core of our new hospital's design and operations.

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Introduction



To fully realize the benefits of energy management and enhance our conservation efforts, a strategic approach is essential. At Stevenson Memorial Hospital, we are committed to integrating energy management into our daily practices, carefully considering factors like indoor environmental quality, operational efficiency, and the use of sustainably sourced resources when making financial decisions.

As a key member of the Northern York South Simcoe Ontario Health Team (OHT), Stevenson Memorial Hospital works in collaboration with other hospitals to optimize efficiencies, reduce costs, and ensure that the community has access to the healthcare services they need. By working together, we can improve patient outcomes, promote health education, and maintain regional access to vital health services.

Our Mission:

Promising Progress,
Pursuing Perfection

Our Vision:

Setting a New Standard for
Community Hospital Care

Our Values: I.C.A.R.E.

INTEGRITY: We adhere to the highest ethical principles.

COMPASSION: We respond to our patients' needs with empathy.

ACCOUNTABILITY: We are accountable to one another and to our community.

RESPECT: We embrace the diversity of our patients, staff and community.

EXCELLENCE: We support a culture of distinction.

Regulatory Update

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O. Reg. 397/11: Conservation and Demand Management Plans was introduced in 2013. Under this regulation, public agencies were required to report on energy consumption and greenhouse gas (GHG) emissions and develop Conservation and Demand Management (CDM) plans the following year.

Until recently, O. Reg. 397/11 was housed under the Green Energy Act, 2009 (GEA). On December 7, 2018, the Ontario government passed Bill 34, Green Energy Repeal Act, 2018. The Bill repealed the GEA and all its underlying Regulations, including O. Reg. 397/11. However, it re-enacted various provisions of the GEA under the Electricity Act, 1998.

As a result, the conservation and energy efficiency initiatives, namely CDM plans and broader public sector energy reporting, were re-introduced as amendments to the Electricity Act. The new regulation is now called O. Reg. 507/18: Broader Public Sector: Energy Conservation and Demand Management Plans (ECDM).

As of January 1, 2019, O. Reg. 397/11 was replaced by O. Reg. 507/18, and BPS reporting and ECDM plans are under the Electricity Act, 1998 rather than the Green Energy Act, 2009.





2024-2025 Electrical Usage

Commodity	2024 Consumption	2025 Consumption
Hospital	1,885,527 kWh	1,911,933 kWh



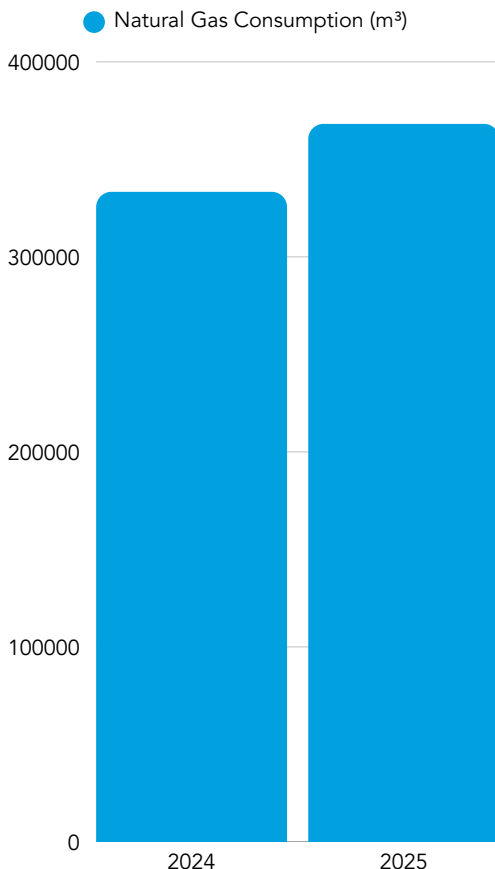
Energy consumption in 2025 increased compared to 2024, primarily due to the start of the hospital redevelopment project. Construction activities and temporary site operations required additional energy use during the year.

This increase is expected as part of the redevelopment process, and the new hospital has been designed with energy efficiency and sustainability in mind to support lower energy consumption over the long term.



2024-2025 Natural Gas Consumption

Year	Natural Gas Consumption (m ³)
2024	333,377
2025	368,180



At Stevenson Memorial Hospital, natural gas consumption increased in 2025 following several years of declining usage. While energy efficiency initiatives, including the window replacement project completed in January 2024, continue to provide operational benefits, the start of the hospital redevelopment project has contributed to higher natural gas consumption.

Construction activities, temporary building systems, and the need to maintain operations in the existing hospital throughout redevelopment have increased overall energy demands. Although natural gas usage has risen in the short term, the redevelopment project is designed with long-term sustainability in mind.

The new hospital will incorporate modern, energy-efficient building systems and sustainable design features that are expected to significantly reduce energy consumption and greenhouse gas emissions once the facility is operational.

Closing Statement

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In conclusion, Stevenson Memorial Hospital remains committed to sustainable energy practices and continuous improvement in our energy management. Through the ongoing reduction in natural gas consumption and the implementation of energy-saving initiatives, we are making significant strides towards minimizing our environmental impact.

These efforts not only contribute to a greener future but also support our goal of providing high-quality care while maintaining operational efficiency.

We will continue to monitor, adapt, and optimize our energy usage to ensure that Stevenson Memorial remains a responsible and forward-thinking healthcare provider.

The future is bright at Stevenson Memorial Hospital.



Thank You



Contact Information



stevensonhospital.ca



200 Fletcher Crescent, Alliston,
Ontario, L9R 1W7



communications@smhosp.on.ca

