



HURON PERTH HEALTHCARE ALLIANCE ST. MARYS MEMORIAL HOSPITAL

CONSTRUCTION YEAR

2025

HIGHLIGHTS

Annual Natural Gas Reduction =
13,000 m³/yr

Annual Energy Reduction =
115,000 ekWh/yr

Annual GHG Reduction =
24 tons/yr

EQUIVALENCY RESULTS

CO₂ Emissions From

7.4
Passenger Vehicles

5.5
Homes' Energy Use for One Year

15.8
Homes' Electricity for One Year

PATIENT REFRESH

St. Marys Memorial Hospital is undergoing a phased interior renovation of its East and West In-Patient Care Wings to modernize patient spaces while maintaining full hospital operations. The project includes upgrades to 14 patient bedrooms and adjacent support areas, with improvements such as new headwall systems, patient lifts, LED lighting, flooring, and ceiling finishes. Patient washrooms are being redesigned for improved accessibility, and corridors are receiving cosmetic upgrades. A new airborne isolation room with anteroom and ceiling lift is being constructed, and two new roof-mounted air handling units are being installed to meet current code requirements. The renovation also includes the installation of a new sprinkler system and minor upgrades to the Foundation Office.

ENERGY & CARBON SAVINGS

Controls have been provided to reduce the air change rate of the high plume fan when the A.I.R. room is not being used for patient isolation. The air handlers are provided with heat pumps which act as a first stage of heating prior to the use of the hydronic heating coil. Isolation valves have been provided on existing perimeter heating loops, at each new radiant ceiling panel, and at each coil to reduce hydronic heating flow when heating is not required. The reset curve of the boiler has been adjusted to permit lower heating water temperatures when loads are lower.