



HURON PERTH HEALTHCARE ALLIANCE STRATFORD GENERAL HOSPITAL

CONSTRUCTION YEAR

2023

HIGHLIGHTS

Annual Electricity Reduction =
0 kWh/yr

Annual Natural Gas Reduction =
28,494 m³/yr

Annual Energy Reduction =
300,803 ekWh/yr

Annual GHG Reduction =
54 tons/yr

EQUIVALENCY RESULTS

CO₂ Emissions From

16.524
Passenger Vehicles

12.636
Homes' Energy Use for One Year

36.126
Homes' Electricity for One Year

NORTH WING WATER HEATER REPLACEMENT

Stratford General Hospital (SGH) has upgraded existing Domestic Hot Water (DHW) equipment with new steam to DHW heat exchangers and controls. The project was completed to improve the controllability of the water temperature and improve energy efficiency.

ENERGY & CARBON SAVINGS

The existing equipment was unable to be controlled in conjunction with onsite Combined Heat and Power (CHP) preheating of DHW. The new heat exchanger equipment improves the controllability of the system and allows for the CHP energy to be used to preheat DHW. This maximizes the overall efficiency of the CHP.