



Towards Zero Emissions: **Reducing Direct** **GHG Footprint**

5 Year Implementation Plan

Implementation Plan

Scope 1:

Reducing 4.33* tonnes of GHGs

Reduction/
Offset

2026-2029

2029-2030

Heating –
Natural Gas

Target offset 3.75*tonne CO2 eq

- Purchase clean electricity credits to offset 3.75 t CO2 eq/year from Ontario Clean Energy Credits
- Investigate options to switch to clean electricity heating
- Investigate solar electricity generation to support heating and electricity demand

Direct reduction of annual GHG emissions

Implementation of one or a combination of:

- Clean electricity heating with electricity furnace
- Solar generation to supply electricity and heating
- Clean fuel switching options such as hydrogen or renewable natural gas

Vehicle –
Gasoline

Direct reduction 0.58*tonne CO2 eq

- Purchase electricity vehicle and clean electricity credits to offset

Fully implemented by 2029 (if not earlier)

Implementation Plan

Scope 2: Reducing 0.7* tonnes of GHGs

Indirect Reduction	2026-2029	2029-2030
Electricity	<p data-bbox="354 909 841 999">Target offset 0.7*tonne CO2 eq/year</p> <ul data-bbox="375 1037 948 1283" style="list-style-type: none"><li data-bbox="375 1037 948 1157">• Purchase clean electricity credits to offset from Ontario Clean Energy Credits<li data-bbox="375 1167 948 1283">• Investigate solar electricity generation to support heating and electricity demand	<p data-bbox="992 909 1377 945">Annual GHG reduction</p> <p data-bbox="992 1037 1393 1108">Implementation of one or a combination of:</p> <ul data-bbox="1013 1125 1552 1283" style="list-style-type: none"><li data-bbox="1013 1125 1552 1197">• Solar generation to supply electricity<li data-bbox="1013 1207 1552 1283">• Generation of clean electricity for Ontario's electricity grid

Implementation Plan

Scope 3: Indirect GHG Assessment

Indirect GHG Assessment

Develop engagement and collaboration plans with partners

Compile partners/suppliers' GHG reduction plan

Allocate appropriate portion of partners/suppliers' GHGs