Deploying to achieve zero emissions

Chris Henry
Director National Fleet
Purolator

2030 Goals

Our ambition is to be the greenest courier in Canada

To avoid the catastrophic impacts of climate change, we are doing our part by setting 2030 goals that put us on the path to net-zero by 2050. Our ambitious science-based target uses a 2020 emissions baseline and the methodology set out by the Science Based Targets initiative. Our goals focus on taking meaningful action in key areas of our business that support our ambition to be the greenest courier in Canada.

60%
electrification of last-mile delivery vehicles

42%
reduction in Scope 1 and Scope 2 emissions

100%
renewable electricity

70%
diversion of non-hazardous waste from landfill

Facilities

- Design and build facilities to reduce energy consumption
- Procure renewable electricity
- Apply green building design elements to new builds (e.g., solar panels)

Waste

- Implement comprehensive recycling solutions
- Minimize waste
- Adopt reusable solutions (e.g., pallet wraps)

Transportation

- Invest in alternative-fuel vehicles and supporting infrastructure
- Use clean fuels (renewable diesel)
- Optimize routes and trailers
- Switch to lower-carbon transportation (e.g., rail)

Innovation

- Invest in emerging low-carbon technologies (e.g., e-bikes, carbon capture)
- Pilot innovative solutions (e.g., Urban Quick Stops)

Our pathways to GHG emissions reduction

Fleet emissions – retiring older fleets and investing in alternative-fuel vehicles

Renewable electricity – procuring renewable energy for our facilities

Waste – reducing waste and standardizing recycling in our operations

Building emissions – installing energy-efficient equipment in our facilities

Value chain emissions – engaging with our suppliers and customers to reduce our Scope 3 emissions

Fuel consumption – using more fuel-efficient modes of transportation and leveraging route optimization and telematics

Purolator
Promises delivered

How did we get here? Our business-case approach

- Started with big assumptions
- Socialized early
- Brought in external support
- Layered in SBTi goals
- Refined and booked a special sessions with key stakeholders
- Recognized that “slow and steady” wins the race
- Take stakeholders along for the journey

Purolator
Promises delivered®

Key considerations for facility and route prioritization

A (>75 vehicles) *18 Terminals*

B (>50 vehicles) *15 Terminals*

C (>20 vehicles) *33 Terminals*

D (≤20 vehicles) *68 Terminals*

Last-mile
~ 5,000 P&D vehicles
~ 240 straight trucks

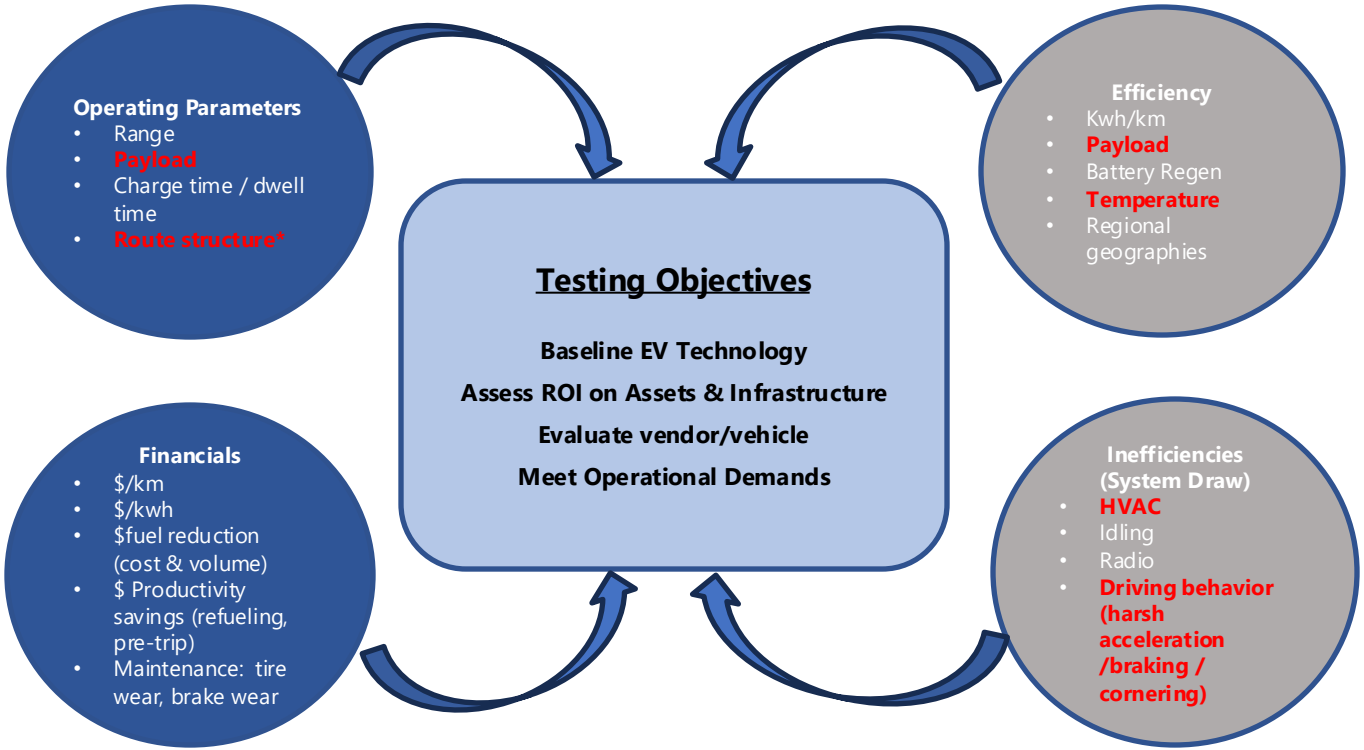
- Leased vs owned terminals (lease term)
- Grid emissions intensity
- Loading layout (indoor vs outdoor)
- Service upgrade requirement
- Available incentive programs (e.g., B.C., Que)
- Provincial utility costs

- Balance pace of electrification to reduce risk
- Vehicle performance (climate, geography)
- Right vehicle, right route:
  - Vehicle range capability
  - Payload, cubic capacity

Purolator
Promises delivered®

EV Pilot Test Plan - Objectives

Our EV Pilot will test the capability and integrity of our vehicles (EV's) and charging systems. Information, data and insights gathered will be the basis to inform and plan subsequent years of the GHG Roadmap .



Measures of Success

- Inform our capability to reach our sustainability goals for 2030 and 2050
- Results to determine future standardization of the fleet and infrastructure
- Validate financial assumptions on EV technology

* In conjunction with Route Optimization, right vehicle, right route

Vehicle Deployments

Introducing our 2025 Electric Fleet, now deployed across 9 sites in Richmond, Mississauga, North York, London, Laval, Anjou, VSP, Drummondville & Quebec city.

"This accomplishment represents a significant stride in our commitment to sustainable transportation and a greener future. A heartfelt thank you to all who played a part in making this initiative a resounding success. Together, we are steering towards positive change and contributing to a more environmentally friendly community"

Mario Fortin – District Manager Quebec City

Ford eTransit

25

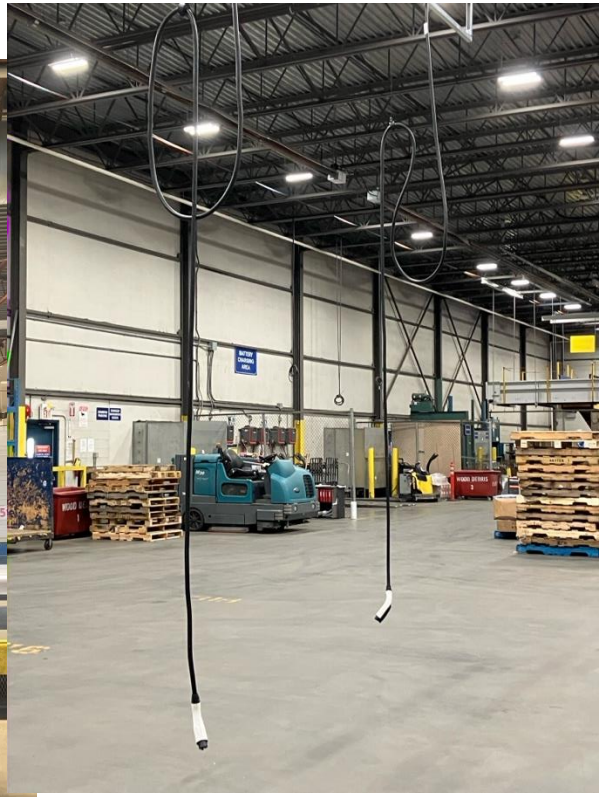
Motiv

55

BrightDrop

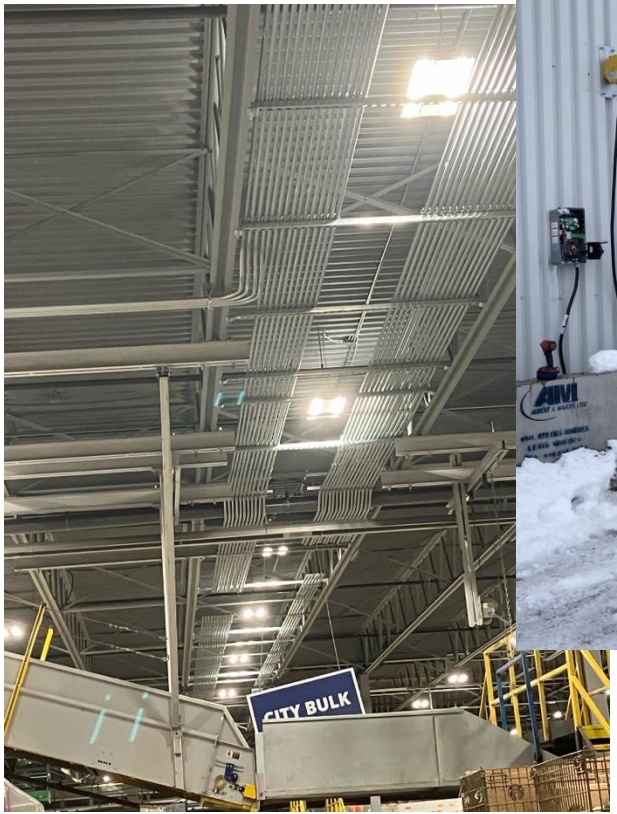
165

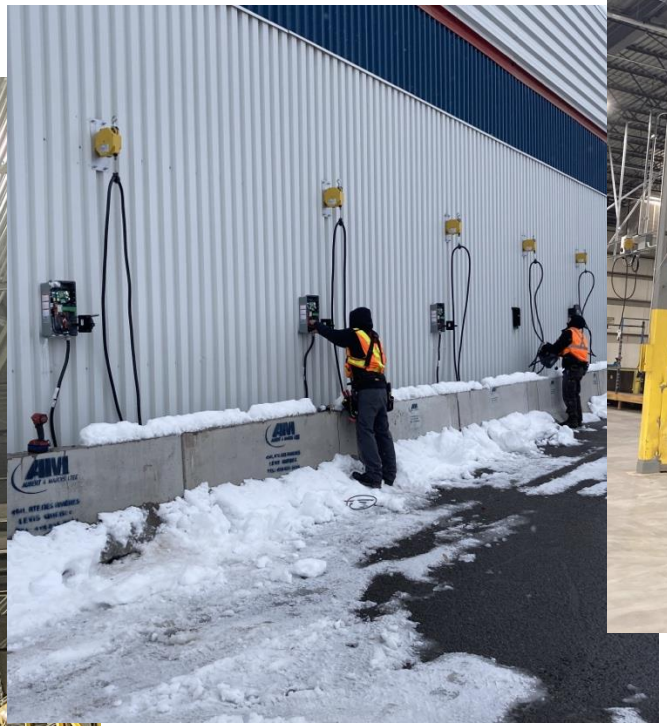
Infrastructure Installations

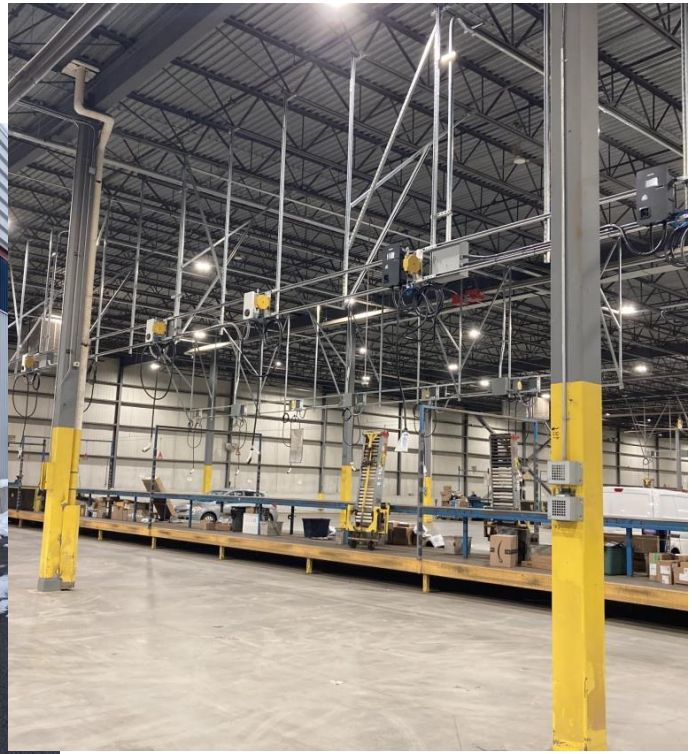


Purolator
Promises delivered®

Infrastructure Installations

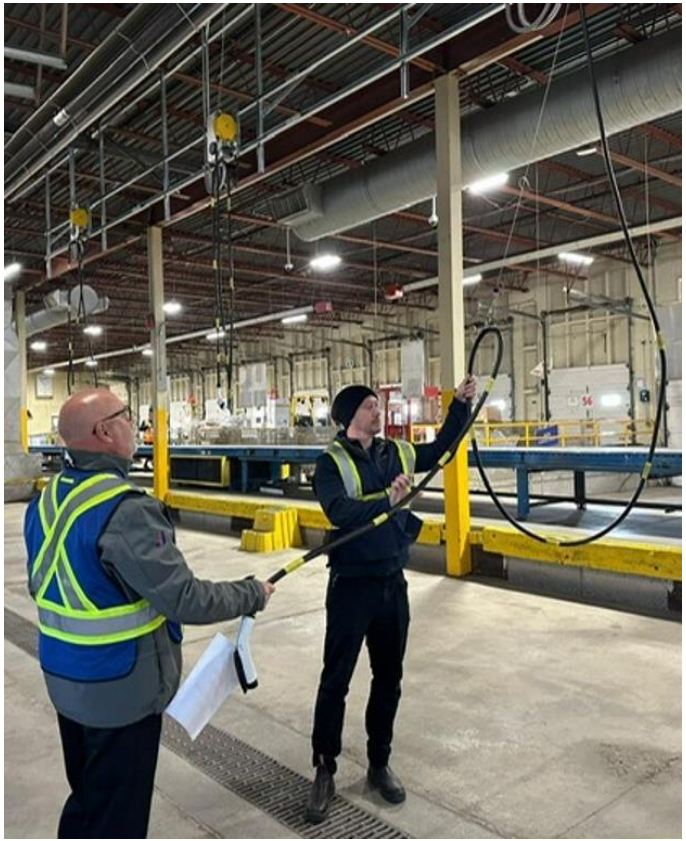






Purolator
Promises delivered®

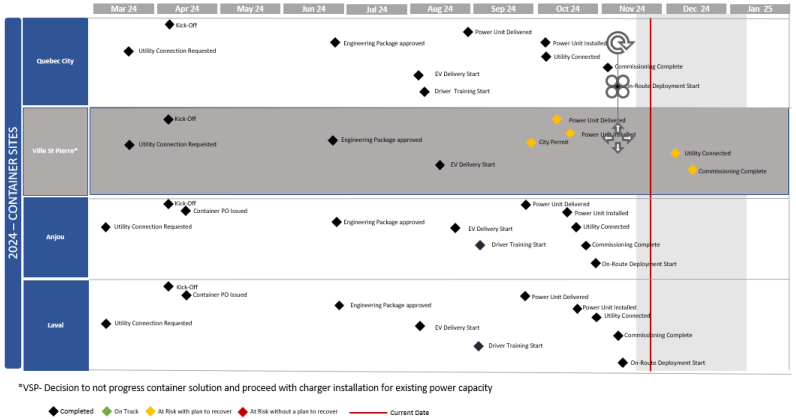
Infrastructure Installations



Purolator
Promises delivered®

Phase 1 EV Infrastructure (Containerized Solution)

We have successfully deployed three movable containerized charging solutions complete with 75 L2 and 3L3 chargers across Quebec, accelerating 2024 Fleet electrification efforts.



Preliminary lessons learned

- Align electrification strategy with corporate goals and values
- Build strong governance to support collaboration between departments
- Set up infrastructure first; prepare for long lead times for service upgrades and installation
- Prioritize strong change management, communication and training
- Consider supply chain risks and long lead times for equipment
- Test different use cases (e.g., climate), vehicles, chargers and charge management solutions
- Engage early with landlords, utilities and municipalities
- Plan and understand early impacts to processes and vehicle maintenance

Learn more
purolator.com/environment