

To: Metrolinx Board of Directors
From: Steve Levene
Chief Operating Officer, Rapid Transit
Date: February 15, 2024
Re: **Operations - Rapid Transit Quarterly Report**

This report provides an update on activity and key milestones in the Operations - Rapid Transit division over the past quarter.

Update on the Operations Women's Network Rapid Transit (OWN RT)

The Operations - Rapid Transit team is committed to balancing gender representation through strategic workforce planning and ensuring that everyone has an equal opportunity to grow their career and succeed at Metrolinx. Today, 33 per cent of our divisional workforce self-identifies as female. In 2022, the team initiated an Employee Resource Group (OWN RT) to help build an inclusive and equitable division and foster allyship across the team.

Over the past year, the group has raised more than \$700 towards charitable organizations that align with OWN RT's objective of supporting women in our organization and across the community. The group raised \$300 for Red Door, an organization dedicated to providing food and shelter to women, and more than \$400 for Week of the White Rose Campaign, which sends young girls to science camp in memory of the 14 women murdered on December 6 at Polytechnique Montreal. In addition to its fundraising efforts, OWN RT also held a panel discussion with women from across Metrolinx.

To help inform OWN RT's strategic plan and events for 2024, the Women in Operations Experience Survey and focus groups were launched to collect feedback and first-hand experiences concerning gender-related matters within the Operations - Rapid Transit team. This proactive step underscores OWN RT's dedication to fostering a workplace culture that is not only diverse, but also supportive of every individual's unique journey. Future events are expected to focus on creating additional mentorship opportunities and looking at equity and inclusion training.

On-time Performance (OTP)

GO Rail asset-related OTP Erosion decreased from 1.37 per cent in December 2022 to 0.86 per cent in December 2023, and the 12-month rolling average improved by 38 per cent, from 2.22 per cent to 1.37 per cent, respectively. The average asset-related delay minutes normalized by trip decreased by almost 4 per cent year-over-year from December 2022 to December 2023. During the past quarter, asset-related OTP Erosion saw consistent improvement year-over-year despite the RTC system outage in October, which significantly impacted OTP Erosion for that month.

Zero-Emission Bus Program Update

In November of 2023, Metrolinx shared a pre-release of its Next Generation Bus Specifications with the vendor community. As a follow up to that, the upcoming Request for Proposal to be released in early February includes the procurement of Battery Electric Highway Coach Buses and Hydrogen Fuel Cell Battery Electric Highway Coach Buses.

These buses will optimistically be the first of many as part of Metrolinx's shift to a zero-emission bus fleet. As with all new technologies, these would initially be trialed in our environment and operating conditions before deciding on the path forward.

Electric Vehicle (EV) Pilot Program Update

At the end of 2023, the two electric buses currently in the pilot program covered 11,800 kilometers, operated for 460 hours, and served various GO Bus routes. Approximately 12 tonnes carbon dioxide equivalent (CO₂e) have been avoided since the second phase of the pilot was initiated in Spring of 2023. Bus 4001 faced a significant decline in range returned from revenue service with a state of charge of 1.5% (under the minimum threshold of 20%) without the capability to connect with the charger. The bus has been returned to the vendor to charge the high voltage batteries and repair the connection between the charger and the bus. A 50% increase in the EV bus availability is expected after resolving the charging issue.

Respectfully submitted,

Steve Levene
Chief Operating Officer, Rapid Transit