

Ontario International Airport Progress Report Update

Presentation to South Coast AQMD
Airports MOU Working Group Meeting
October 8, 2026



MOU Airport Obligation

- Provide information to SCAQMD as listed in the MOU annually by June 1st
- Annual reporting from 2021 through 2032
- Includes 1 MOU Schedule: Ground Support Equipment
- NOx fleet average emission factors of 2.2 and 1.0 g/bhp-hr by January 1 of 2023 and 2031, respectively

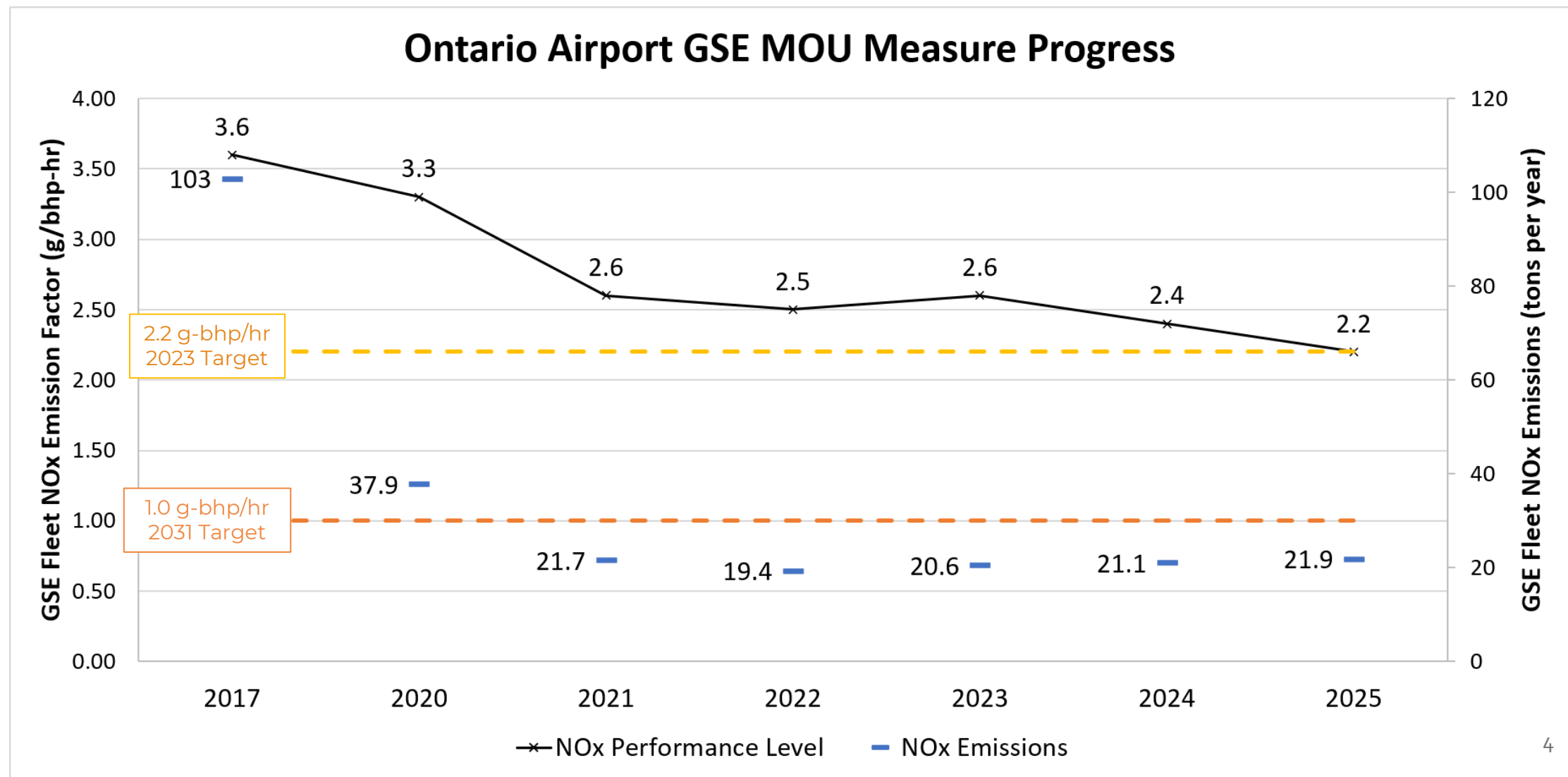
MOU Progress Updates

Year	NOx Fleet Average Emission Factor (g/bhp-hr)
2017	3.6
2020	3.3
2021	2.6
2022	2.5
2023	2.6
2024	2.4
2025	2.2



- The 2023 MOU target of 2.2 g/bhp-hr was **met** in 2025.
- The **2024** fleet average NOx emission factor **decreased 33.1%** when compared to the 2017 value. The **2025** factor indicates a **decrease of 39.0%** since 2017.

GSE Emissions Factor at ONT Continuing to Decrease



GSE Fleet Improvements at ONT

	2017	2024	2025	% Change from 2017 to 2025
Electric	128	121	131	2%
Diesel	172	158	171	-1%
Tier 0	6	3	2	-67%
Tier 1	32	11	6	-81%
Tier 2	19	7	5	-74%
Tier 3	28	23	20	-29%
Tier4 Interim/Final	87	114	138	59%
Gasoline/LPG	315	243	298	-5%
Pre-2010	128	49	39	-70%
2010-onwards	187	194	259	39%
Total Count of GSE	615	522	600	-2%

OIAA Progress in 2025 and 2026

Actions	Benefits
Facilitated targeted communications with tenants and operators to make immediate progress	Ongoing engagement with seven (7) tenants (referred to below as “key tenants”) with fleets above the airport-wide fleet average performance target for 2023
	Engagement with new tenants to ensure compliance with ONT GSE MVOP Program
	Received plans from all 7 key tenants, allowing ONT to meet the 2023 target and continuing to lower the performance level over the next few years implementation
Engaged with airport tenants to ensure compliance with the GSE MVOP Program	Completed the first full permitting cycle of the GSE MVOP program, as well as the first auditing cycle in Fall 2025 which ensures ongoing accuracy in GSE data
	Incorporated a new decal scheme to visually distinguish newer, higher-efficiency GSE from older, combustion-based equipment and further encourage fleet turnover
Evaluation of infrastructure improvements to support GSE electrification	SCE Method of Service Study results received in December 2025 – a replacement substation is proposed as part of the BOLD Program to accommodate future power demand; preparation of Draft EIR for proposed BOLD Program is underway
	Awarded VALE grant funding to expand clean-energy infrastructure (see next Slide)

VALE Grant Funding

Ontario International Airport receives its largest-ever VALE grant to expand clean-energy infrastructure

- Approximately \$4.15 million in grant funding from FAA, covering nearly 75% of the total cost of installing electric ground support equipment (eGSE) charging infrastructure at Terminals 2 and 4.
 - Reduces reliance on conventional fuel-powered equipment and associated emissions.
 - Electrification is key to maintaining compliance with 2023 performance level target and achieving the 2031 performance level target.
- The 3rd VALE grant received by OIAA for ONT improvements, with previous grants reducing emissions from airport ground power units (GPUs) and pre-conditioned air (PCA) replacement projects.
- Planning to pursue VALE funding for eGSE charging infrastructure at Terminal 1.

Future Airport Actions

Target Area	Actions	Benefits
Infrastructure and Electrification	Electric GSE Chargers at Terminals 1, 2, and 4	Add infrastructure to support electric GSE chargers at Terminals 1, 2, and 4 • Serves passenger, cargo, and all international arrivals • Targeted construction start dates: ▪ Terminals 2 and 4: Calendar Year (CY) 2026, Q4 ▪ Terminal 1: CY 2027, Q3
	BOLD Program	The proposed BOLD Program includes a new substation to accommodate future power demand, including future electrification needs.
Tenant Communication and Engagement	Continued GSE MVOP Program implementation to ensure progress and achievement of MOU targets.	Ensure any new tenants are in compliance with the airport-wide fleet average performance target for 2023 and continue to track compliance for existing tenants through the GSE MVOP Program.

Questions