TORONTO

STAFF REPORT
ACTION REQUIRED

City of Toronto Consolidated Green Fleet Plan 2014-2018 – Performance Measures

Date:	August 27, 2015
To:	Government Management Committee
From:	Director, Fleet Services Division
Wards:	All
Reference Number:	P:\2015\Internal Services\Fleet\Gm15004Fleet-(AFS21499)

SUMMARY

This report responds to the Government Management Committee direction (June 15, 2015), that the Director, Fleet Services Division report back to Government Management Committee with performance measures related to the Green Fleet Plan.

RECOMMENDATIONS

The Director, Fleet Services Division recommends that:

1. The Government Management Committee receive this report for information.

Financial Impact

There is no financial impact resulting from the approval of this Staff Report. There is sufficient funding in the current year's operating and capital budgets as previously approved by Council.

The Deputy City Manager & Chief Financial Officer has reviewed this report and agrees with the financial impact information.

DECISION HISTORY

At its meeting on June 10, 11, 12, and 13, 2014, City Council adopted the City of Toronto Consolidated Green Fleet Plan 2014 - 2018.
http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2014.GM30.12

At its meeting on June 15, 2015, Government Management Committee requested the Director, Fleet Services Division to report to the next Government Management Committee meeting with performance measures related to the Green Fleet Plan. http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2015.GM5.3

ISSUE BACKGROUND

Climate change and air pollution are closely connected and will remain two of the greatest challenges of the twenty-first century. The fossil fuels burned in order to power motor vehicles emit greenhouse gasses (GHGs), such as carbon dioxide (CO_2) that cause climate change, and air pollutants, such as nitrogen oxides (NO_X), that negatively impact air quality and public health. As a result, many of the actions that reduce GHG emissions related to burning fossil fuels can also reduce air pollution. The severity of impact on our communities will largely depend on our ability to adopt effective green technologies and practices to reduce harmful emissions. Green fleet planning aims to reduce fossil fuel consumption, fuel costs, and emissions of GHGs and air pollutants.

COMMENTS

The Consolidated Plan objectives, and associated strategic actions, were developed to support the City's overall environmental sustainability goal outlined in the City of Toronto Strategic Actions 2013-2018. They provide the structure for ensuring that City Fleets' efforts are sustained over the next several years. This harmonized and balanced approach is designed to meet the long-term economic, operational, and environmental needs of the City.

The goal of the Consolidated Plan through 2018 is to choose vehicles, equipment, fuels, and practices that consume less fuel, emit less GHGs and air pollution, meet the City's Fleets' operational requirements, are sustainable, and are economically viable. This includes looking at fleet rightsizing, reducing vehicle size, weight, and fuel consumption, alternative fuels, and reviewing different modes of transportation for City staff such as vehicle pooling, car sharing, use of public transit, bicycles and more.

The Consolidated Plan sets realistic objectives that will measure our progress toward the established goal, and includes specific, measurable strategies to accomplish these objectives.

Table A: Consolidated Green Fleet Plan Objectives, Performance Measures, and Targets

Objective	Implementation Strategy	Indicator/Measure	Target	Status
Emissions of greenhouse gasses (GHGs) and air pollutants		Reduction in greenhouse gasses and air pollutants	30 per cent reduction in GHGs by 2020 (compared to the 1990 levels) 20 per cent reduction in air pollutants (compared to the 2004 levels)	Ongoing
Purchase, lease, or otherwise obtain the most fuel-efficient vehicles where appropriate for City operations, while considering lifecycle cost of the vehicle	Update the City Vehicle and Equipment Replacement Policy to include a minimum fuel efficiency standard and minimum emissions standard for each vehicle class. Fleet rightsizing Reduced vehicle size Review and utilization of alternate modes of transportation such as public transit, car sharing, and bicycles	Average fuel efficiency of City Fleets vehicles (by vehicle category)	Two per cent annual increase in fuel efficiency	Ongoing

Objective	Implementation Strategy	Indicator/Measure	Target	Status
Achieve ISO certification in the area of Environmental Management (ISO 14000) and Quality Management (ISO 9000) for Fleet Services Division, and explore the feasibility of ISO certification for the other City Fleets	Phase 1 – Fleet Services Division (Centrally-Managed Fleet) will complete the ISO certification for a benchmark facility by Q1 2017. Phase 2 – Fleet Services Division will assess the ISO certification for its remaining facilities by Q4 2018. Phase 3 – Fleet Services Division will work with other City Fleets at assessing the feasibility of ISO certification for those fleets by Q1 2018. Phase 4 – Commence ISO certification work for all other identified City Fleets by Q4 2018.	ISO Certification	Fleet Services benchmark facility certification by Q1 2017 Assessment of the remaining Fleet Services facilities by Q4 2018 Assessment of other City Fleets by Q1 2018 Commence ISO certification work for identified City Fleets by Q4 2018	Ongoing
Develop selection criteria for alternative fuels	City of Toronto Fleets will develop an alternative fuel decision criteria to help determine the best entry point for each alternative fuel, balancing fuel cost parameters with other benefits of using alternative fuels	Alternative fuels selection criteria	Q4 2015	Ongoing
Enhance operational efficiency and driver education	Fleet Services Division will develop and implement an Eco-driving Campaign, and will share it with the other City Fleets	Eco-driving campaign developed and implemented	Q4 2015	Ongoing

Objective	Implementation Strategy	Indicator/Measure	Target	Status
	City Fleets will continue to rationalize vehicle need, review and adopt feasible transportation alternatives, and encourage City vehicle users to reduce vehicle kilometres travelled City Fleets will continue deployment of cost effective idle-reducing technologies and practices	Car-share pilot project successfully completed	Pilot Project completed January 31, 2015 Pilot Project results and cost-benefit analysis report provided by June 30, 2015	Completed
		Percentage of underutilized light-duty vehicles	Have no more than 20 per cent of the City's light-duty vehicles be underutilized (excludes vehicles with unique operational requirements that justify low utilization)	Ongoing
	Continue with fuel site closures and upgrades as per the approved capital budget	City fuel site closures/upgrades	By the end of 2015 Fleet Services will have upgraded 2 sites and closed an additional 10, resulting in the City having 27 active sites.	Ongoing

A new Green Fleet Coordinator position in Fleet Services has been created that will enable coordinated implementation, analysis, and progress reporting required for achieving the Consolidated Plan's anticipated savings and environmental benefits.

An initial progress report will be presented to Government Management Committee in Q2 2016. This progress report will include updates on the implementation of actions, including status, trends, performance measures, and rate of progress. It will also include changes in environmental circumstances, external drivers and barriers, and updates to any indicators, targets, and internal benchmarks, depending on data availability.

With new developments in technologies, funding opportunities, and challenges, every effort will be made to take advantage of the best opportunities available to green our fleet, while meeting the operational needs of the City Divisions, Agencies, and Corporations, and maintaining economic viability.

CONTACT

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SIGNATURE

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ATTACHMENTS

Attachment 1: City of Toronto Consolidated Green Fleet Plan 2014-2018
http://www1.toronto.ca/city_of_toronto/fleet_services/files/pdf/gfp.pdf