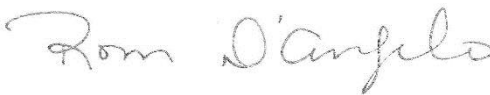




INFORMATION REPORT

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|---------------------------|--|
| TO: | Mayor and Members General Issues Committee |
| COMMITTEE DATE: | August 8, 2022 |
| SUBJECT/REPORT NO: | Update to the City's Green Fleet Strategy and Action Plan (PW03147(f)) (City Wide) |
| WARD(S) AFFECTED: | City Wide |
| PREPARED BY: | Tom Kagianis (905) 546-2424 Ext. 5105 |
| SUBMITTED BY: | Rom D'Angelo Director, Energy, Fleet and Facilities Management Public Works Department |
| SIGNATURE: |  |

COUNCIL DIRECTION

At the Public Works Committee meeting on May 31st, 2021, Fleet Services presented the Green Fleet Strategy Report & Action Plan (PW03147(e)) (City Wide).

Recommendation (e) stated "That staff provide annual information updates (accompanied by the Annual Energy Report) on progress of executing the Green Fleet Action Plan".

The Green Fleet Strategy Report & Action Plan report included 30 recommendations. Provided below is the status of some of the key deliverables.

INFORMATION

Grant Funding for Electric Vehicle (EV) charging stations from National Resources Canada (NRCan) under the Zero Emission Vehicle Infrastructure Program in the amount of \$300,000 has been approved.

A contract for 47 level 2 stations(2 plugs on each) and 2 level 3 charging stations(1 plug on each) to be installed over the next 2.5 years, is currently out to market. Staff expect to secure a vendor and begin installations later in 2022.

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Update to the City's Green Fleet Strategy and Action Plan
(PW03147(f)) (City Wide) - Page 2 of 2**

The global supply chain has had a serious impact on vehicle supplies and particularly on EV's. Our target for EV pickup trucks cannot be met. Fleet Services is considering alternative options until supply chain challenges are corrected which include Plug in Hybrid Electric Vehicles (PHEV's) and Hybrid Electric Vehicles (HEV's). Unfortunately, shorter term solutions for leasing or renting EV's are also impacted by supply challenges and are also not a viable option at this time.

The solicitation for EV SUV's and Vans is out for competitive bid and Staff expect to secure vendors by Q3 2022.

Fleet Services is working with Corporate Communications to provide the materials for delivering the Anti-idling campaign that includes:

- Actions displayed on TV monitors that remind drivers of techniques to help reduce idling with both work and personal vehicles;
- Vehicle stickers, staging area posters and parking location signage that will remind staff to minimize idle time.

The Biodiesel trial has been completed. There were concerns realized during the winter season use of the Biodiesel Blend 5% (B5) that will prevent future use of Biodiesel during cold weather months. The summer use of B20 did not present any challenges.

Biodiesel is a renewable fuel made from Plant oils, vegetable oil, waste cooking oil, animal fats such as beef tallow, fish oil and even algae oil. Our current supplier is Suncor who has been experiencing some supply problems of biodiesel however we anticipate city-wide use of Biodiesel Blend 20% (B20) by the end of this summer.

An extensive review of warranty coverage was performed by our consultant. All major diesel engine manufacturers investigated approve use of B20.

The Eco Driver training course started in late summer 2021 and has been delivered virtually to several hundred city staff. Continued high demand for the training from operating departments will see hundreds more trained in 2022.

Fleet Services has also engaged CityLab to assist in performing a global search on emerging technologies that would help reduce fleet vehicle emissions beyond our current Green Fleet Strategy term of 2024.

APPENDICES AND SCHEDULES ATTACHED

Appendix "A" to Report PW03147(f) - Green Fleet Strategy Action Plan