

Fleet in Local Law

By: Keith T. Kerman

NYC Fleet strives to lead the fleet industry in implementing fleet sustainability and safety. Over two decades, fleet has also worked with the administration and city council to codify these best practices in Local Law. There are currently at least 21 Local Laws that govern fleet-related operations and help to ensure we maintain and expand our leadership in fleet operations.

Almost 19,000 City vehicles currently operate on some type of alternative fuel, from hybrids, electric plug-ins, natural gas units, biofuels, and even solar. This is one of the largest sustainable fleets in the world and Local Law has helped support each aspect of this implementation. Local Law 38 of 2005 called for the City to purchase the cleanest available light and medium duty vehicles and to transition to ultra-low sulfur diesel (ULSD). Local Law 39 of 2005 called for the City to lead in installing diesel particulate filters (DPFs) to reduce truck tailpipe emissions. Over 93% of our on-road fleet now employs this technology. Local Law 73 of 2013 moved the bar further, formalizing our nation leading work in biofuels implementation. In FY18, NYC implemented its largest ever biofuels program for fleet.

Over half of City ambulances today use anti-idling, hybrid, and plug-in technology to reduce emissions, noise, and maintenance cost by turning off the engine when the unit idles. This effort began as a partnership with the City Council in 2013 through a law aimed at studying the effectiveness of this technology. In 2015, through Mayor de Blasio's Vision Zero initiative, DCAS published a report and launched its first implementation of truck side-guards. Today, NYC not only operates the largest fleet of trucks with side-guards in North America, at over 2,300, but has put in place side-guard legislation that is a model for cities nationwide.

NYC Fleet is making major strides in improving fuel economy for the City fleet. It was back in 2005 when the fleet was first required by Local Law to report on EPA fuel economy, our version of federal CAFE standards. In 2013, additional requirements were put in place to report actual use-based fuel economy. DCAS published the latest version of this report just last week. Both reports show the

substantial improvement in fuel economy that has been achieved through green buying. NYC's achievement of 100 MPG in EPA fuel economy for FY18 is also a critical example for the country that this type of achievement is possible now in the vehicle marketplace.

Local Law has also helped spur our electric charging, bioheat, car share, and other initiatives. We looked forward to continued work with the city council to ensure that best practices in fleet are codified and that NYC remains a leader in fleet management.

NYC Local Laws Governing Fleet Operations

Local Law 77 of 2003	Use of ultra low sulfur diesel and best available technology in off-road vehicles
Local Law 38 of 2005	Purchase of cleaner light duty and medium duty vehicles
Local Law 39 of 2005	Use of ultra low sulfur diesel and best available retrofit technology for diesel motor vehicles
Local Law 55 of 2007	Reduction of greenhouse gas emissions by 30% by 2017
Local Law 5 of 2009	Engine idling
Local Law 43 of 2010	Use of clean heating oil in New York City
Local Law 66 of 2013	Fuel management plan in response to certain emergency events
Local Law 72 of 2013	Use of auxiliary power units in ambulances
Local Law 73 of 2013	Use of biodiesel for diesel motor vehicles and revises diesel retrofit requirement
Local Law 74 of 2013	Discontinues waivers for diesel retrofits
Local Law 75 of 2013	Calculation of and reporting on the use-based fuel economy of light and medium duty vehicles
Local Law 76 of 2013	Revises the minimum average fuel economy of light-duty vehicles
Local Law 107 of 2013	Increasing the use of biofuel in city-owned buildings
Local Law 130 of 2013	Electric vehicle charging stations in open parking lots and parking garages
Local Law 29 of 2014	Right of way for pedestrians and bicyclists
Local Law 41 of 2015	Car sharing in the city fleet
Local Law 56 of 2015	Side guards
Local Law 119 of 2016	Clean heating oil
Local Law 160 of 2016	Electric vehicle charging station pilot program
Local Law 27 of 2018	Use of alternative fuels in city ferry fleet
Local Law 28 of 2018	Use of biodiesel in school buses

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