

## NYC Fleet Electric Vehicles



## A Primer on Biodiesel and Renewable Diesel

- Even where we use liquid fuel, we don't need to get it from the ground as fossil fuel.
- Biofuels are produced from farm feedstocks like soy, animal fat, and used grease. Biofuel works in every type of diesel truck. NYC's garbage trucks, ambulances, and police response trucks use biodiesel today. American farmers are the major producer.
- Compared to traditional diesel, biodiesel produces less particulate matter, carbon monoxide, unburned hydrocarbons, and sulfur dioxide. One type, called B20, reduces carbon emissions by 15%!
- For over a decade NYC was a leader in biodiesel using blends in all City diesel vehicles.
- But now, NYC is a leader in renewable diesel as the first government fleet east of the Rocky Mountains to use this fuel in scale.
- Soon, all fossil diesel fuel in the City fleet will be replaced with renewable diesel. It is 100% petroleum free, and results in up to a 65% emissions reduction!

The City of New York's Fleet:

# A Model for Sustainability

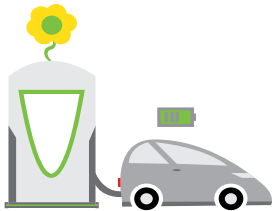
- Climate change is a real existential threat to our planet. **The good news?** There are steps we can take to mitigate climate change if we act quickly and sensibly.



- While New York City does have a vast and widely-used public transportation system, cars, trucks, and buses account for **nearly 30%** of greenhouse gas emissions in the five boroughs.



- Electric vehicles, hybrid vehicles, and biofuels are important tools to **reduce the pollution** caused by automobiles and trucks. New York City government, through its Department of Citywide Administrative Services (DCAS), has built the greenest municipal vehicle fleet in the country, transforming its fleet to lead the way in fighting global climate change. In addition to reducing the size of the fleet, the City of New York is upgrading the kinds of cars it buys and the fuels that power them. **Almost 20,000** of the City's fleet units operate using a cleaner alternative fuel or design.



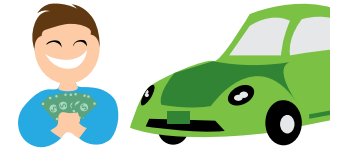
- Almost all non-emergency New York City government light-duty vehicles are either **hybrid** or **electric**. Police cars are transitioning to all hybrid while also piloting electric plug-in and all-electric models.



- In addition, the City has installed **over 2,000** electric vehicle charging ports including **easily accessible charging options** to the public.

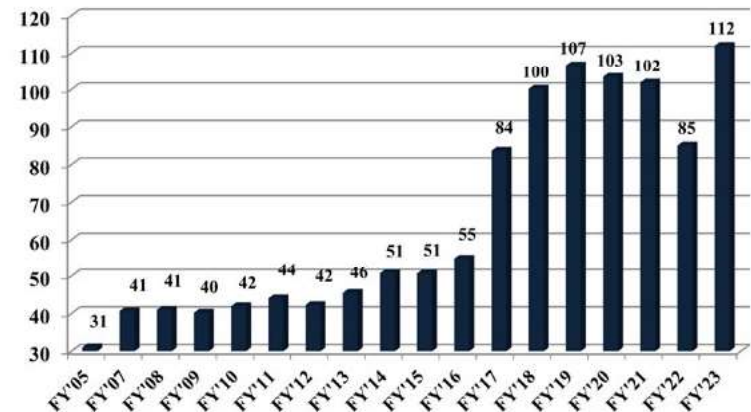


- Owning electric and hybrid vehicles is not only better for the environment, but the **total cost** of ownership is significantly **less** than a gas-powered vehicle.



## NYC Fleet: Light Duty Fuel Economy by Fiscal Year

NYC Fleet: Light Duty Fuel Economy by Fiscal Year  
Local Law 38 of 2005



**Who says fuel efficient and electric vehicles aren't ready yet?** New York City buys sedans, SUVs, mini-vans, and small pickups like everybody else in America. We get them from the major vehicle suppliers, striving to choose the most fuel-efficient models available. Vehicles purchased in 2023 have an average fuel economy of 112 MPG. The city fleet now includes all electric sedans, cargo vans, and pick ups.