A Primer on Biodiesel

- 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%!

- NYC is a leader in biodiesel, using blends in all City diesel vehicles.

- Renewable diesel is the next step for the NYC fleet. It is 99% petroleum free and results in up to a 65% emissions reduction!

NYC Fleet

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Building a sustainable world...

with New York City Fleet

NYC Fleet

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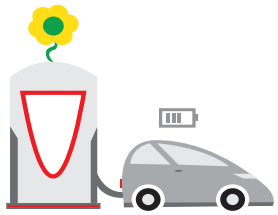
- Climate change is a real and existential threat to life on our planet. **The good news?** Climate change can be slowed if we act quickly and sensibly.

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

- Fortunately, electric and hybrid vehicles and biofuels are important tools to **reduce the pollution** caused by automobiles and trucks. New York City government is using its vehicle fleet of more than 30,000—the largest municipal fleet in the country—to lead the way in fighting global climate change by upgrading the kinds of cars it buys and the fuel it puts in them. **Over 20,000** of the City fleet units operate using some type of cleaner alternative fuel or design.

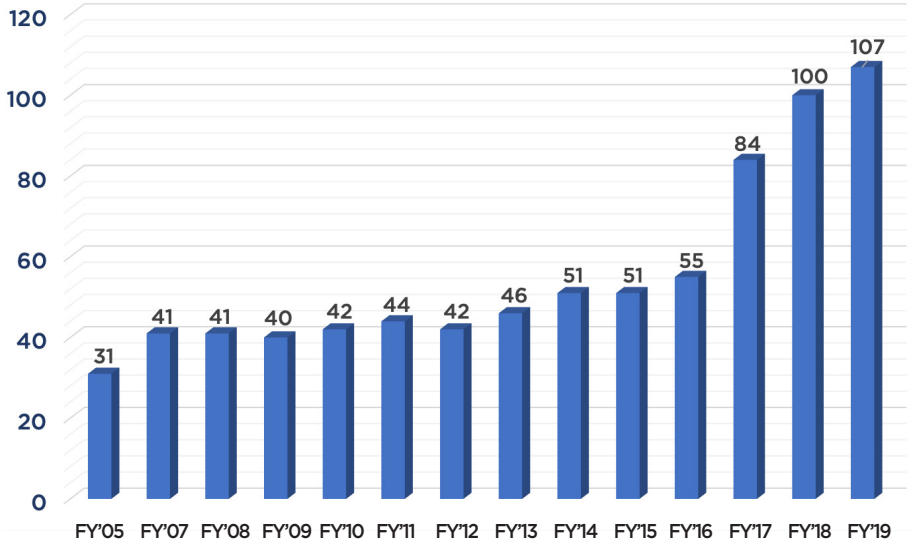


- Almost all non-emergency NYC government light duty vehicles are either **hybrid** or **electric**. Our police cars are now transitioning to all hybrid.

- In addition, the City has **hundreds** of electric vehicle chargers and is working with partners to introduce **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 Vehicle Fuel Economy by Fiscal Year



Who says fuel efficient and electric vehicles aren't ready yet? NYC buys sedans, SUVs, mini-vans and small pickups like everybody else in America and we get them from the major vehicle suppliers. We just choose to buy the fuel-efficient models. Our 2019 new vehicle average fuel economy – 107 MPG.