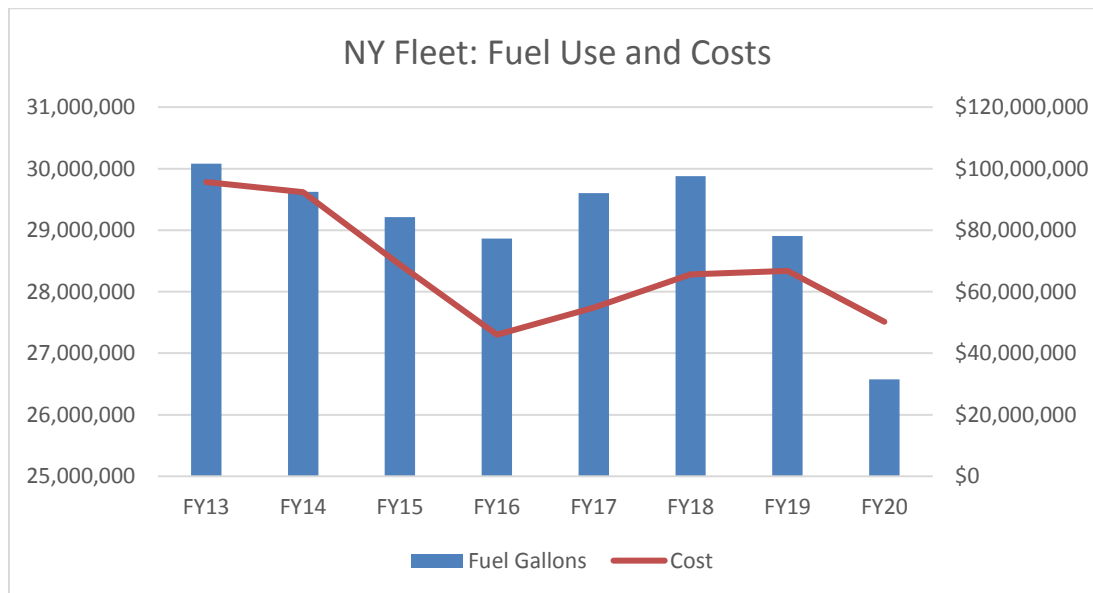


Fleet Sustainability, Citywide Fact Sheet, Summer 2020

NYC operates the largest municipal fleet in the country with over 30,000 units. Through the **NYC Clean Fleet plan**, NYC also aims to be the most sustainable fleet in the country. NYC is working to reduce greenhouse gas emissions 50% by 2025 and to transition to all electric on road fleet units by 2040.

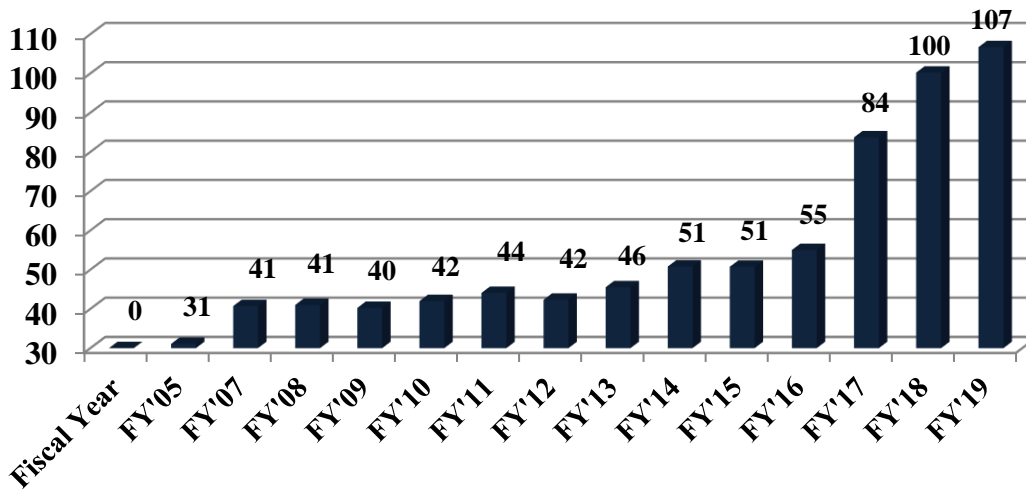
Highlights

- As per the Preliminary Mayor’s Management Report (PMMR) for FY20, NYC operated **19,019 fleet units that use some type of fuel alternative** including electric, hybrid, solar, natural gas, or biofuels.
- **NYC Fleet overall fuel use and costs have declined**, while at the same time the City has made critical public investments that increased fleet size. The fuel economy of the fleet has dramatically improved.

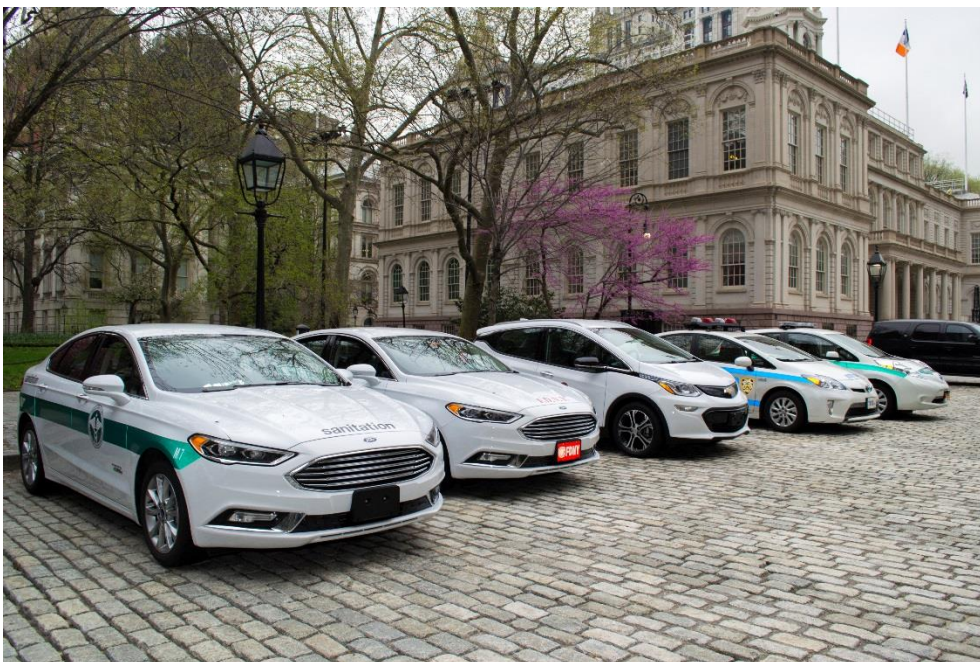


- Through Local Law 38 of 2005, NYC Fleet must report its Federal CAFE equivalent new vehicle fuel economy each year for non-emergency light duty on-road fleet units. There has been a steady and dramatic increase in EPA fuel economy. **In FY19, the CAFE equivalent fuel economy for our new light duty fleet units was 107 miles per gallon.**

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



- In Summer 2019, DCAS and NYPD announced a transition to all hybrid police vehicles. **In FY20, all new NYPD police cars were hybrid.** NYPD operates nearly 2,200 alternative fuel vehicles, the largest alternative fleet of any City agency.
- **NYC Fleet currently operates 2,682 electric plug-in and solar fleet units.** This includes 2,134 on-road and 548 off-road units. NYC will operate at least 4,000 EV units by 2025.



- **NYC Fleet operates the largest EV Charging Network in NY State.** By the end of 2021, NYC Fleet will operate at least 1,200 EV charging ports including level 2, Fast chargers, solar carports, mobile charging, and light pole charging.

Google Maps

NYC Fleet EV Charging Network as of 1/27/2020

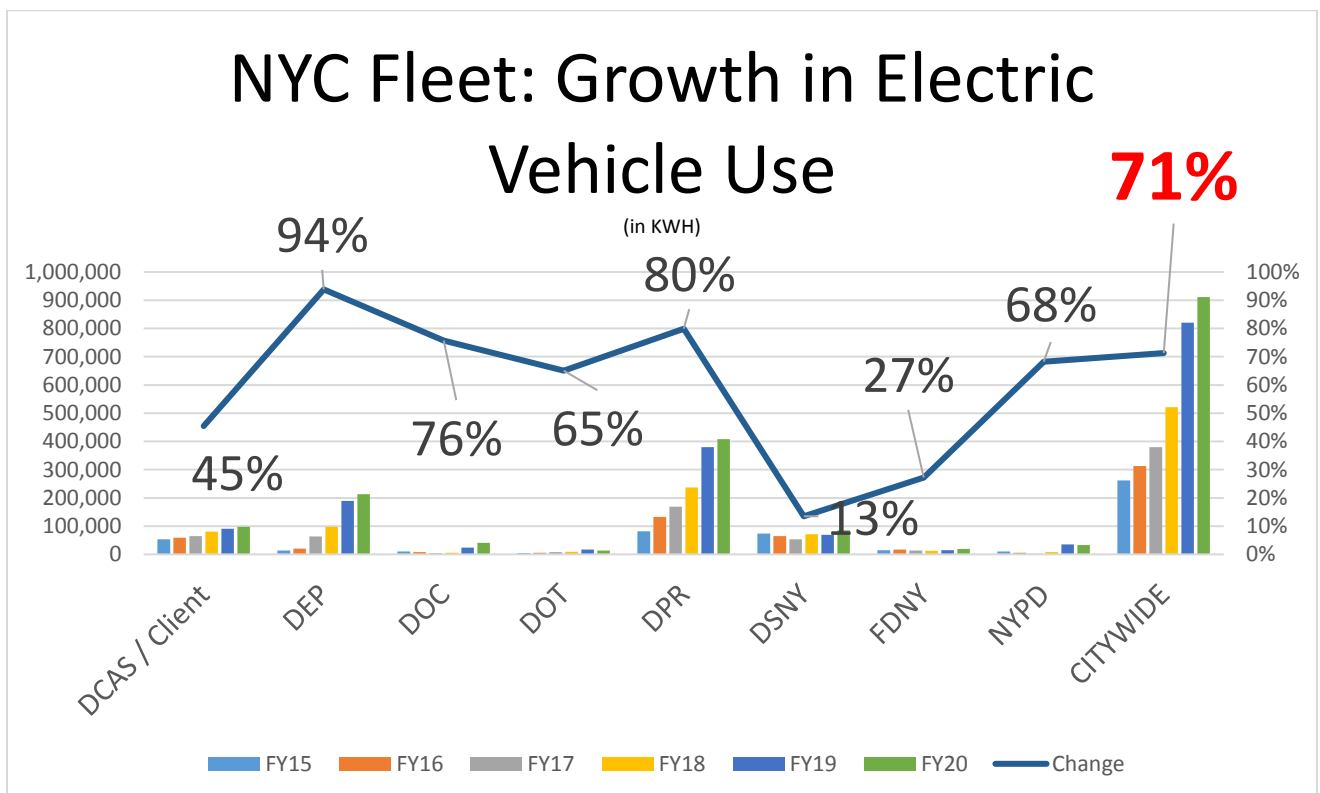
NYC DCAS
Citywide Administrative Services



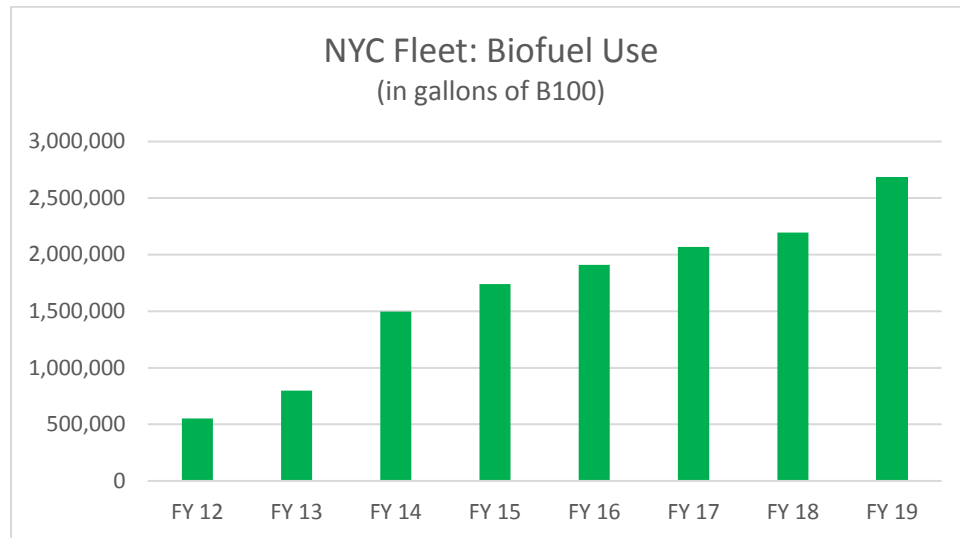
- **NYC Fleet operates the largest free-standing solar carport program in the world with 87 solar carports.** These carports are not tied to any infrastructure. NYC Fleet produces solar power every day to charge fleet units.



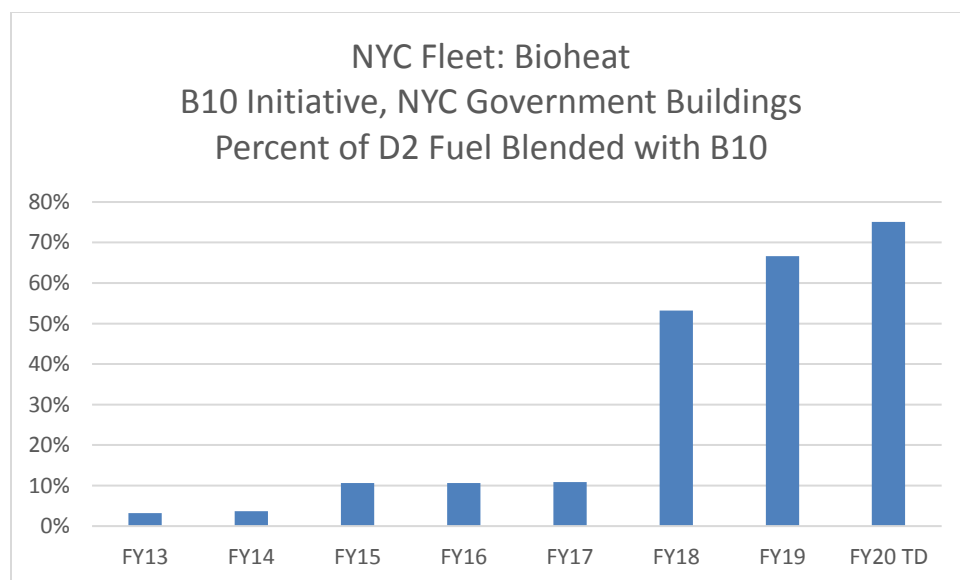
- **NYC Fleet has increased electric use for fleet units by 71% since FY15.** NYC Parks is the City's largest EV adopter.



- NYC Fleet is also one of the nation's leading adopters of biofuels.** NYC began using biodiesel for fleet in 2005 at NYC Parks. Currently, all agencies including DSNY, NYPD, FDNY and DOC use biofuels for fleet trucks. In 2019, DCAS implemented a successful initiative to use nearly 1 million gallons of renewable diesel, a next generation biofuel



- NYC Fleet is also managing the nation's leading program of biofuels for heating oil.** Over 70% of NYC government buildings used 10% biodiesel for heating in FY20. All buildings used at least 5% biodiesel. DCAS has also published an initial report on the potential to use renewable diesel in heating. Click: [HERE](#).



- In partnership with FDNY, NYC Fleet is procuring a new generation of hybrid and plug in eligible ambulances.** Over 400 ambulances (60%+) have anti-idling and fuel reduction technologies in place. All ambulances will by 2025.



- NYC Fleet is also implementing off-road electric and solar units such as these new solar light towers.



- NYC Fleet has published various reports on cost effectiveness of hybrid and EV vehicles. Click: [Hybrid Effectiveness](#), [Low Maintenance Costs with EVs](#)

- **DSNY manages an emissions testing facility in Woodside Queens to study truck and specialized equipment emissions and alternatives.** Learn more: [HERE](#).
- **NYC Fleet is one of the nation's largest adopters of car and fleet share through a contract with Zipcar.** Learn more: [HERE](#)
- **NYC Fleet is one of the nation's largest adopters of live telematics to study fleet and driving use and practices.** Learn more: [HERE](#)
- **NYC Fleet and NYC's Chief Fleet Officer have been recognized nationally and internationally for sustainable efforts.** Recognition includes international Future Fleets Award in 2020 for NYC Parks, Sloan Public Service Award to the NYC Chief Fleet Officer in 2019, NY State DEC Environmental Excellence Award in 2014, Federal EPA Environmental Equality Award in 2014, National Biodiesel Board Influence Award in 2011, and the very first national Green Fleet Award from the National Association of Fleet Administrators (NAFA) in 2008.
- **DCAS and NYC Fleet have published an educational brochure to promote sustainable fleet.** Click [HERE](#).

Revised by NYC Fleet July 16, 2020