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Lisette Camilo, DCAS Commissioner
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FY17 FUELS REPORT

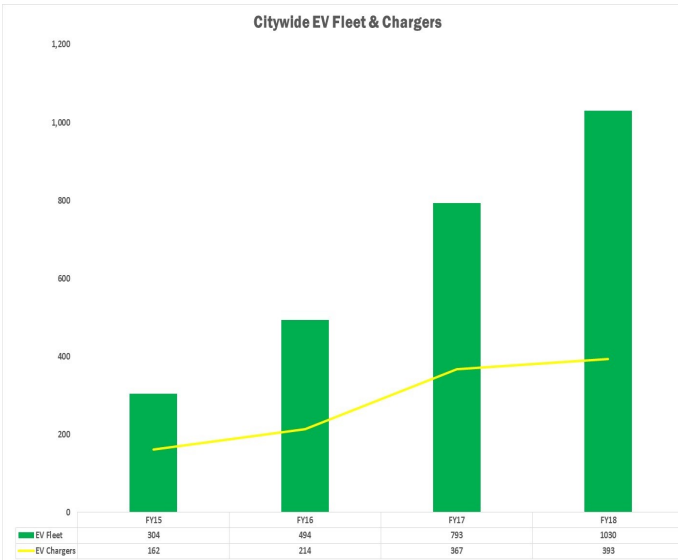
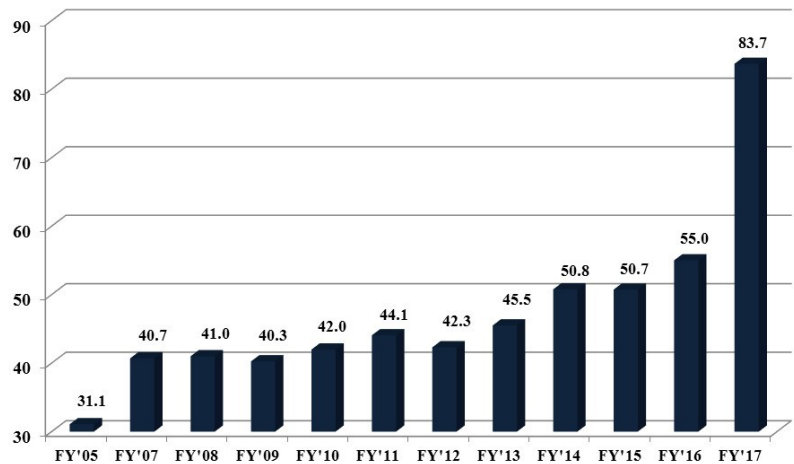
KEITH T. KERMAN

NYC Fleet continues efforts to transform fleet fueling away from fossil liquid fuels and toward renewable fuels and electricity. We achieved milestones for EV implementation, fuel economy, and biodiesel in FY17.

In April 2017, the City announced it would reach 1,000 electric vehicles (EVs) on the road by July. We are pleased that we have now achieved that goal with 1,030 on-road all electric or plug in electric units now operational and being used by 23 separate agencies.

Fleet has also expanded its EV charging network to 393 units with more EV vehicles and chargers to come in FY18. Reporting through our Charge-point network shows a 45% increase in electricity used for transport from FY15 to FY17.

Fuel Economy By Fiscal Year



Driven by the investment in EV vehicles, fuel economy for our new non-emergency light and medium duty units went off the charts, achieving 83.7 MPG in FY17. Fleet is required to report on manufacturer listed MPG as part of Local Law 38 of 2005. This is the NYC Fleet equivalent of Federal Corporate Average Fuel Economy (CAFE) standards.

NYC also continues its use of biodiesel for trucking. By all measures, FY17 was fleet's largest year in biodiesel with 94% of all diesel fuel being blended with biodiesel. Fleet used a record 16 million gallons of blended biodiesel of 5, 10 or 20 percent, which was the B100, pure biodiesel, equivalent of 2.1 million gallons, also our highest total yet.

On July 11, DCAS posted in the City record public notice for a 1 million gallon demonstration project for renewable diesel (RD)

for the City fleet. We plan to have this project launched by the end of 2017 focusing on Parks, DEP, DOT and DSNY. Renewable diesel offers the prospect of greenhouse gas reduction (GHG) for truck operations without some of the cold weather, underground storage tanks (UST), and warranty impacts that must be managed with biodiesel.

Fleet continued progress on sustainable fuels on all fronts in FY17 with much more to come and do. We will report further on use based fuel economy, fleet share, anti-idling, solar equipment and other initiatives in future newsletters, as we continue our charge to reduce GHG 50 percent by 2025.

NYC Fleet: Increased adoption of biodiesel

