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INCREASING THE FUEL EFFICIENCY OF NYC'S FLEET

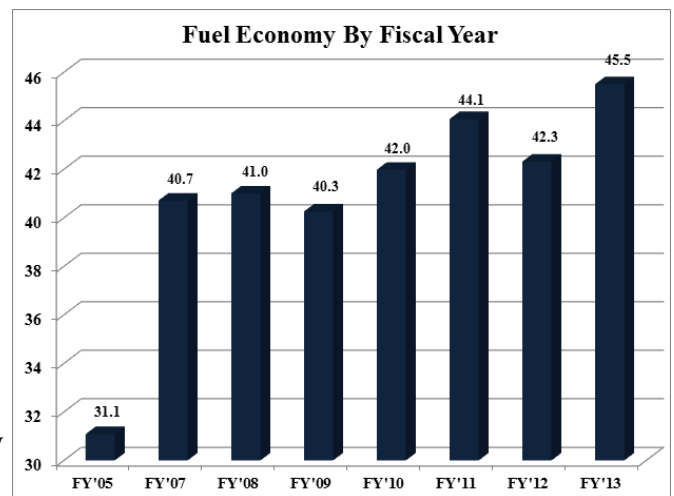
KEITH T. KERMAN

On January 13, 2014, Fleet submitted to DEP a report on the fuel economy of newly purchased City vehicles. This report is mandated by Local Law 38 of 2005 and Local Law 76 of 2013. These laws require both that the City procure the most fuel efficient non-emergency light and medium duty vehicles available for each class of vehicles, such as sedans or SUVs, and also that the City achieve stated overall percentage improvements in fuel economy for new vehicles in these categories.

In FY13, the City achieved its highest fuel economy ever for new vehicles at 45.5 miles per gallon. The purchase of 58 plug in electric vehicles including Nissan Leafs, Ford Focuses, and GM Volts helped drive this achievement. In total, the City purchased 690 hybrid or plug in vehicles for non-emergency uses including 345 Ford Fusion Hybrids and 199 Toyota Priuses.

For a reference point, on December 12, 2013 Federal EPA announced that the average fuel economy for light and medium duty vehicles sold nationally was 23.6 miles per gallon. NYC's fleet is almost twice as fuel efficient.

Thanks to everyone for investing in and implementing these new technologies and keep it up.



SPOTLIGHT: ASSURING THE QUALITY OF NYC FUEL

ARMENUSH ASLANIAN-PERSICO

New York City receives over 550,000 gallons of fuel on an average winter day to power its vehicles and facilities. The DCAS Bureau of Quality Assurance (BQA) Fuel Unit monitors the delivery and quality of the city's fuel, which is distributed to over 5,300 locations. The unit has a crucial role in citywide operations, as vehicles and equipment require the appropriate fuel quality and specifications to function.

Fuel unit inspectors visit City owned fueling sites to sample fuel, both before and after deliveries. Samples are sent to labs to confirm that they meet City specifications, including viscosity, water content, sulfur content, and biodiesel percentages. In addition to vehicle fueling sites, the unit also oversees fueling for city schools, hospitals, barges, ferries, and helicopters.



During citywide emergencies, BQA Fuel monitors levels at fueling sites, tracks fuel deliveries, and orders additional deliveries when needed. After 9/11, the unit set up and maintained a fueling site at Ground Zero. They also helped managed fueling operations during Hurricane Sandy.

The seven-person BQA Fuel team is led by Supervisor Gary Sideris. Gary began his career in the oil and gas industry and then joined BQA as a Quality Assurance Specialist before being promoted to Supervisor. He has worked for BQA Fuel for 31 years, and most of his colleagues have worked in the unit for over 25 years. Gary is a lifelong New Yorker and heavily involved in his community as the parish council president of Saint Demetrios Cathedral in Astoria. Thanks to Gary, BQA Director Cliff Francis, and the whole DCAS Procurement team for their skilled and critical work.