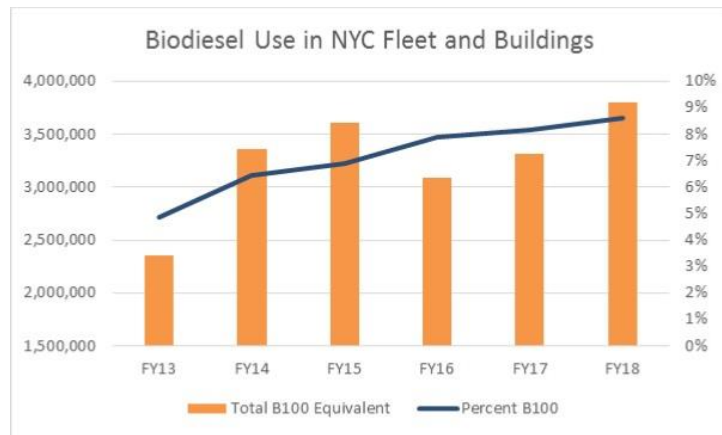


FY18 Fuels Report: Record Biodiesel Year for Fleet and Buildings

By: Keith T. Kerman

NYC governmental operations, fleet, and buildings, implemented a record use of biofuels in FY18, continuing our investment in these cleaner, domestic fuels. In total, 3.8 million gallons of pure biodiesel (B100) were used through blends from B5 to B20. This was 9% of all diesel fuel, both records.



Driving this achievement was our initial rollout of B10 for heating oil. Over 6.8 million gallons of B10 was used to heat City buildings this winter, nearly seven times the amount of B10 used in FY17. We plan to implement B10 across the board in blends with D2 this coming winter.

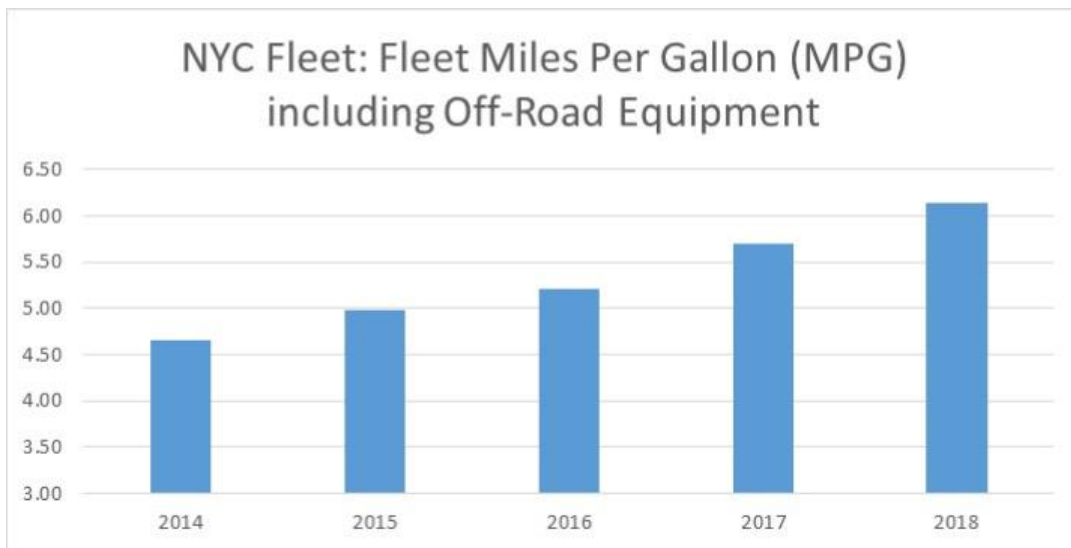
Fleet agencies also used a record amount of biodiesel in fleet units this year, at 2.087 million gallons of B100 equivalent. As importantly, Fleet agencies led by DSNY, Parks, and DEP have now employed our first 230,000 gallons of renewable diesel (RD). RD is an advanced biofuel that achieves more than 60% reduction of greenhouse gasses while avoiding some of the cold weather and materials compatibility issues with high blends of biodiesel. Along with biodiesel, RD holds the potential to dramatically increase our biofuels usage even further, including complete replacement of diesel fuels in many applications. We will report more on RD as our initial rollout continues.

Overall fuel economy for the City fleet continues to improve as we switch out older vehicles and trucks with electric, hybrid, and more fuel efficient models. DCAS tracks what we refer to as Fleet MPG, or miles per gallon. This differs from vehicle MPG by including fuel use associated with our more than 15,000 off-road and 2- and 4-cycle equipment pieces, which are generally used in conjunction with on-road fleet vehicles and use a great deal of fuel. We continue to see a steady and

substantial improvement in fleet MPG, even with off-road equipment impacts included.

NYC operates 414 liquid fueling sites, with 171 general use sites and the remainder at firehouses. When vehicles and mobile fuel trucks are added in, the City can hold more than 2 million gallons of fleet fuel at any one time. Through the DCAS contract with WEX, NYC also has access to all private retail fueling.

Through Mayor de Blasio's NYC Clean Fleet, we are working to displace fossil fuel use in fleet with electric vehicles and biofuels. In a future newsletter, we will update on the electric vehicle side.



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