

Charging Ahead NYC's Clean Fleet Plan NYC Fleet

**September 21, 2026, NYC Climate Week
Presentation to Climate & Sustainability Leadership
One Business World**

**Keith T. Kerman
DCAS Deputy Commissioner
NYC Chief Fleet Officer**

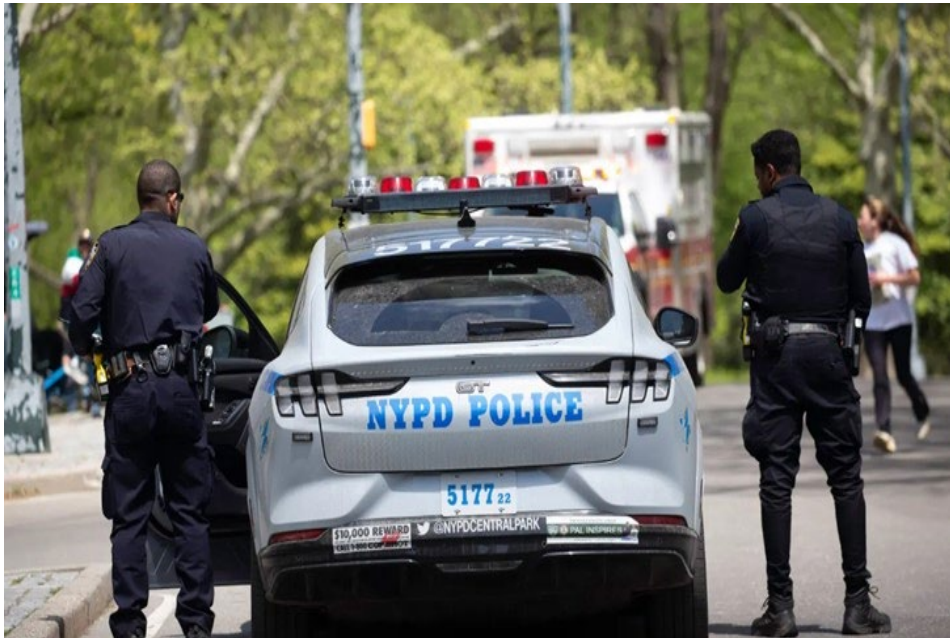
NYC Fleet



NYC Fleet, by the numbers

- 28,567 Fleet Units
- 57 Agencies and Offices and Approximately 80,000 Fleet Operators
- 165 Million Miles and 27 Million Fuel Gallons
- 1,678 Fleet Staff and 175 Agency Transportation Coordinators
- 248,462 Repair Orders
- 405 Fuel Stations, 2,500+ Charging Ports, 166 Solar Carports
- Annual Spend \$1.4 Billion including \$630M+ in Acquisitions
- 10,289 school buses

The Day Job



Fleet Priorities

- Readiness
- **Sustainability**
- Safety
- Compliance
- Preparedness

Fleet Sustainability: Reducing Crashes and Emissions

For DCAS, sustainability means safe, clean, and reliable fleet operations. Improving safety and reducing emissions go together.

Mayor Executive Order [53](#) calls for DCAS to produce Safe and Clean Fleet Transition Plans for all public and commercial fleets to follow.

2025 NYC Safe Fleet Transition Plan Update

Alexander K Epstein, PhD, Arielle Herman, MPA, Sarah Yahoodik, PhD



January 2025
DOT-VNTSC-NYC-25-01

Prepared for:
Department of Citywide Administrative Services
City of New York



[HERE](#)



Clean Fleet Transition Plan 2026 Update

NYC Department of Citywide Administrative Services (DCAS) Fleet
U.S. DOT Volpe National Transportation Systems Center: Carmen Baskauf, Alyssa Brodeur, Alexander K Epstein, Ph.D., Arielle Herman, Elkar Lai, Megan McCarthy, Cheng Peng, Samuel J. Waitt
New York City Department of Citywide Administrative Services: Keith Kerman



April 2026

DOT-VNTSC-DCAS-26-01

Prepared for:

Department of Citywide Administrative Services, City of New York

Clean Fleet Transition Plan 2026 Update



[HERE](#)

NYC Clean Fleet Plan: Released Today

NYC commits to GHG reduction
50x25 and 80x35 for City fleet

DCAS has met 50x25 for fleet!

On to 80x35.....

Three basic strategies:

- 1) Electrify everything we can as soon as we can
- 2) Implement hybrids and efficiencies
- 3) Replace fossil diesel with biofuels

Clean Fleet Update

August 2026

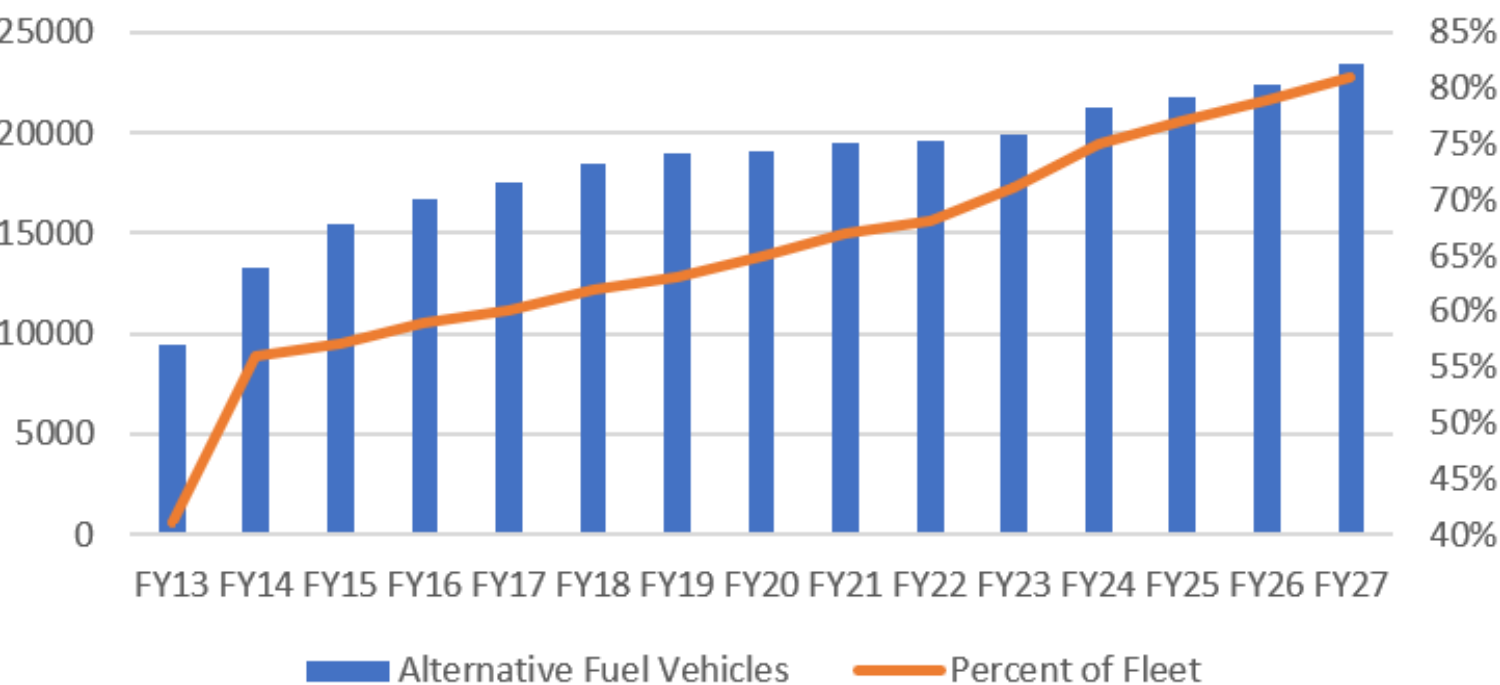


NYC DCAS
Citywide Administrative Services

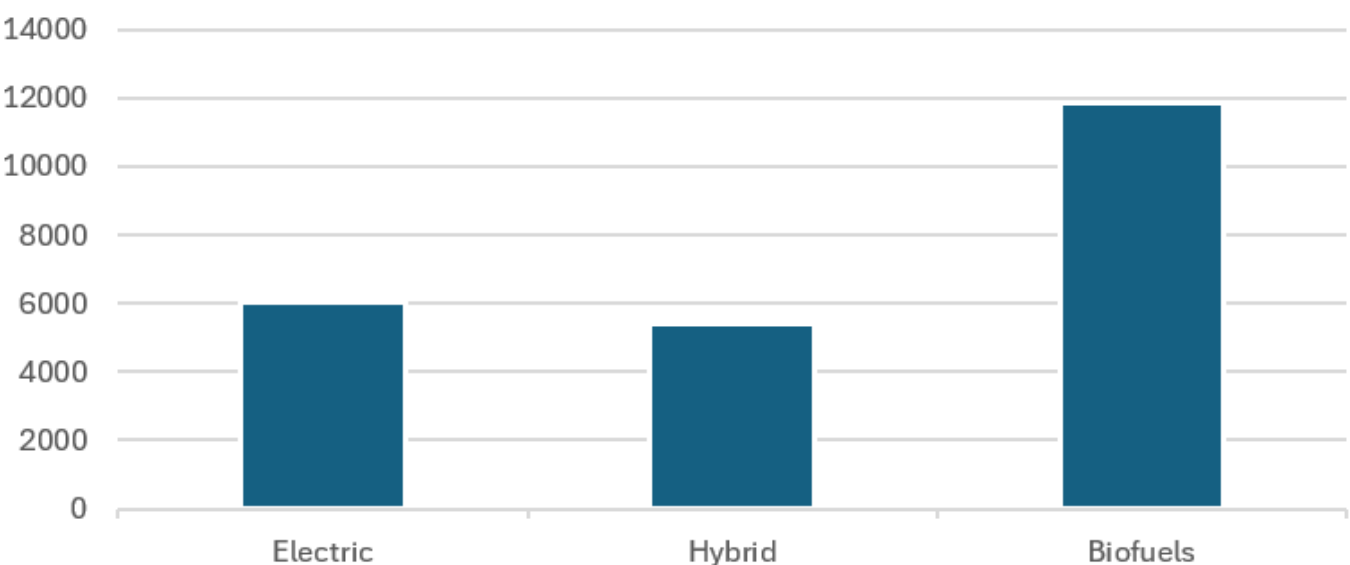
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One of America's Largest Green Fleets

NYC Fleet: Over 23K
Alternative Fuel Powered Units (81%)



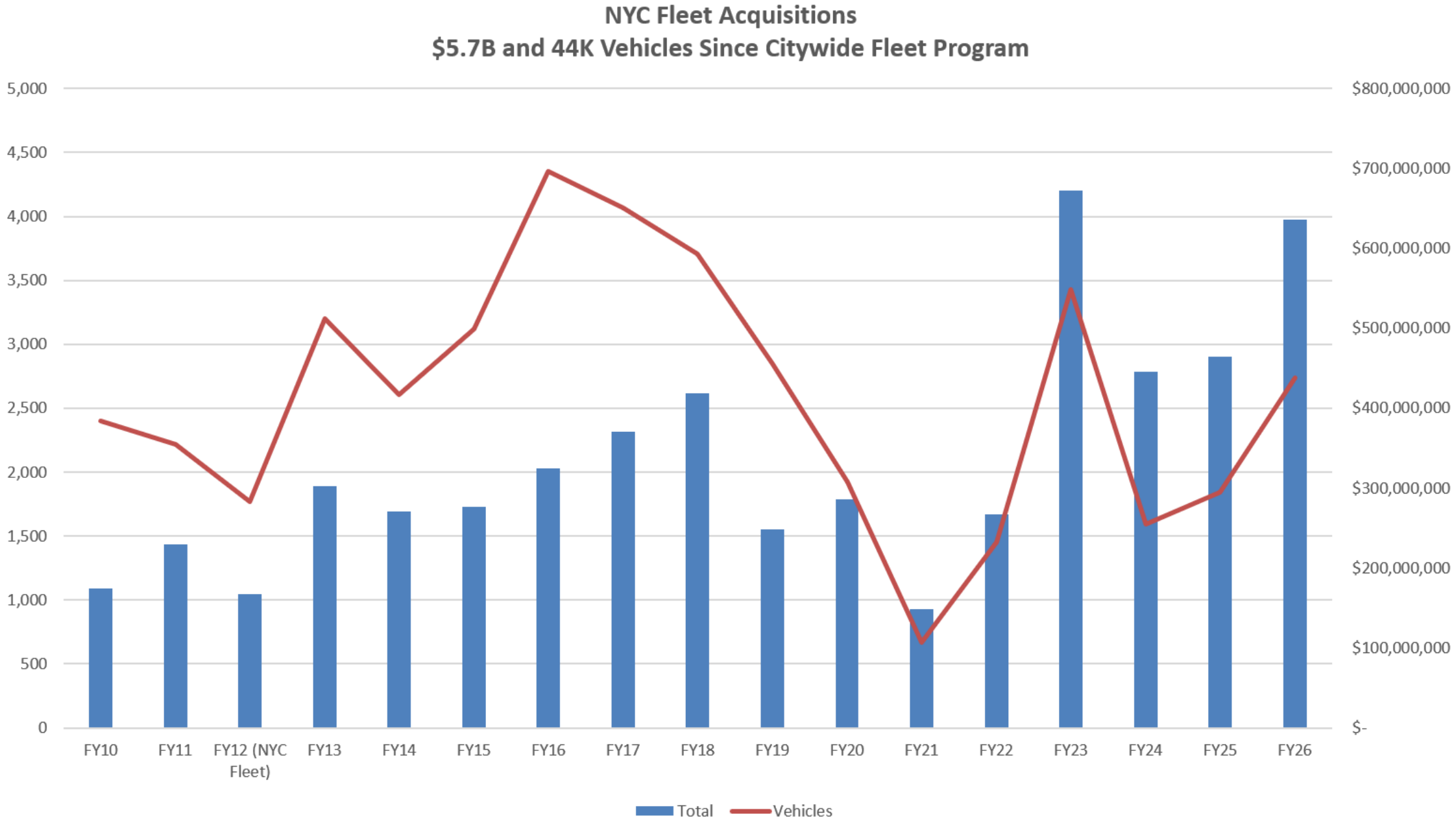
DCAS: 23,300+ Clean Fuel Vehicles
Electric, Hybrid, Biofuel



California State and New York City Fleet

NYC Fleet: California State Compared to NYC Fleet, Alternative Fuel		
	State of California	NYC Fleet (1)
Total Active Fleet	41,087	28,888
EVs Including PHEV and Hydrogen	6,731	6,060
Hybrid	2,464	5,428
Renewable Diesel (RD) Trucks (2)	7,584	11,850
Ethanol (2)	4,913	0
CNG	238	6
Propane	496	49
Total Alternative Fuel Fleet	22,426	23,393
Total Electric including PHEV and Hydrogen	6,731	6,060
Percent	16%	21%
Total Electric and Hybrid	9,195	11,488
Percent	22%	40%
Total Alternative Fuel Including Ethanol and RD	22,426	23,393
Percent	55%	81%
(1) Based on Total Active and New Fueled Vehicles ; 2) Assumes CA fleet uses RD and actively uses ethanol		
CA Source: Public Data; DCAS Fleet Focus; Sept 2026		California State Fleet - Dataset - California Open Data

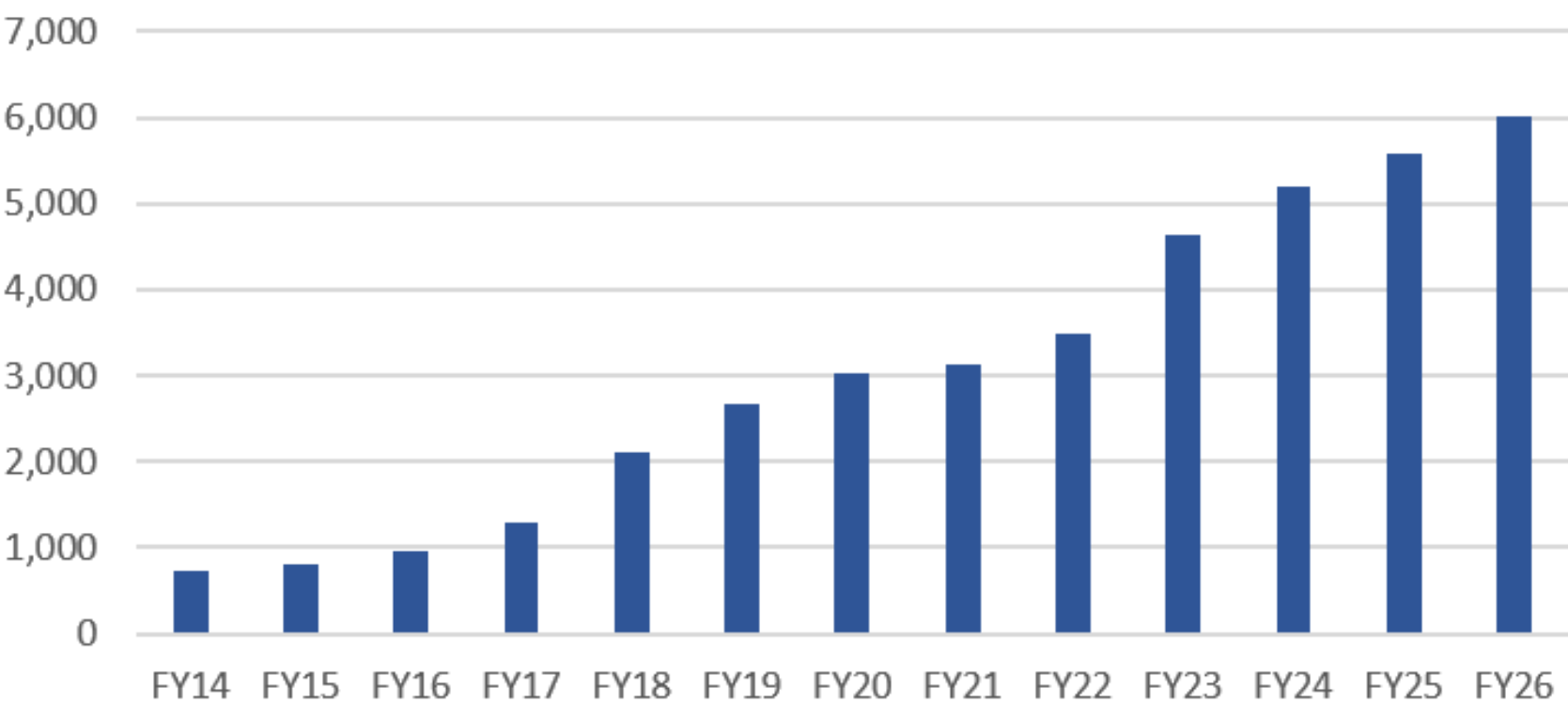
Investment in Vehicles: \$630M+ in FY26



NY's Largest Electric Fleet and Charging Network

NYC Fleet

NY's Largest Electric Fleet: 6,000+ EVs



Google Maps

NYC DCAS
Citywide Administrative Services

NYC Fleet EV Charging Network as of September 2026

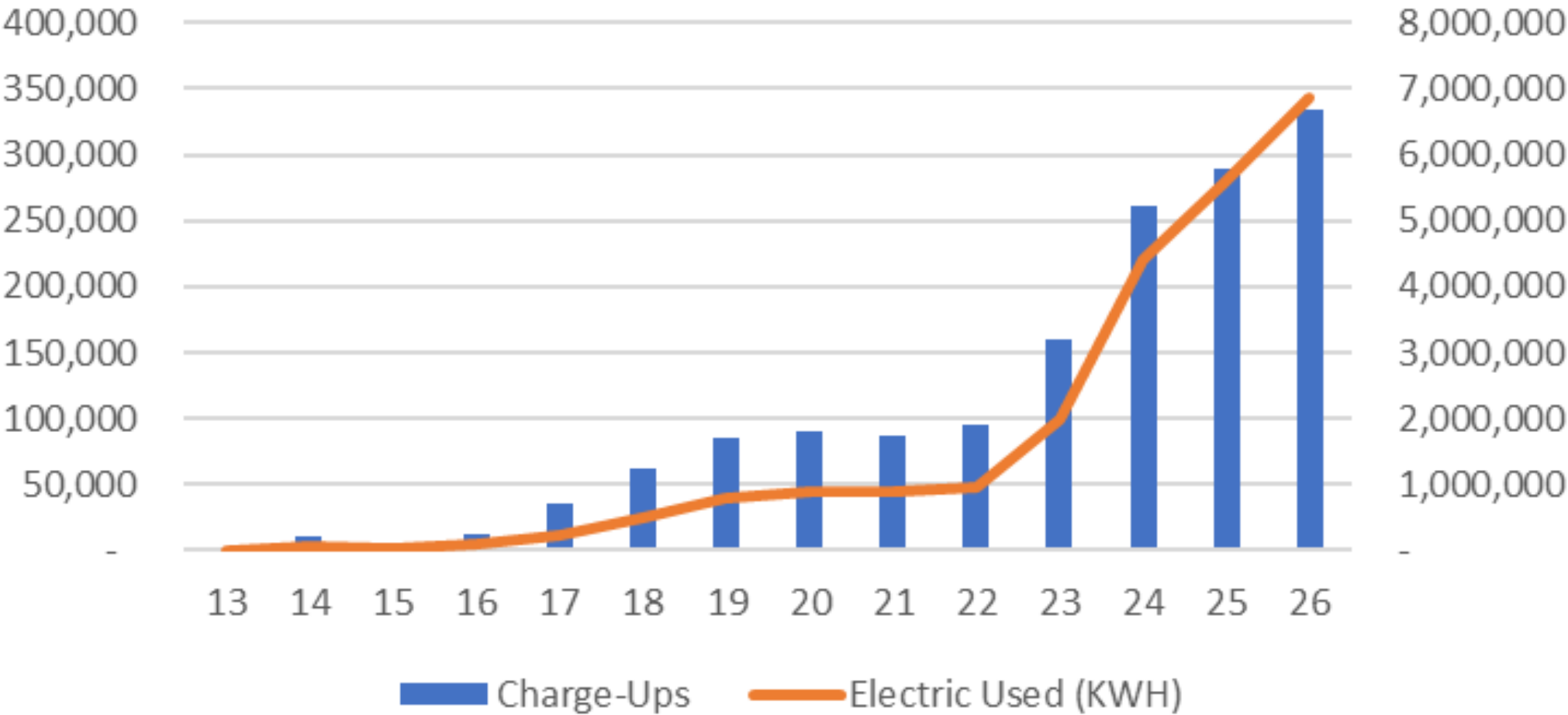


Total 2,632 Electrical Charging Ports

- 1,795 Level 2 Charging Ports
- 435 DC Fast Chargers + 16 Public DC Fast Chargers = 451 Total DCFCs
- 151 Solar Carports + 4 Public Solar Carports = 155 Total Solar Carports
- 12 Solar Canopy Chargers
- 15 DOT Municipal Level 3 Chargers
- 75 DOT Municipal Level 2 Chargers
- 118 DOT Level 2 Curbside Chargers
- 11 Mobile Chargers

DCAS EV Network Charging

NYC Fleet: Network EV Charging
Over 330,000 Served Last Year



NYC's Newest EVs



NYC's Newest EVs



NYC's Newest EVs



NYC's Newest EVs



NYC's Newest EVs



“Buttercup”

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For Immediate Release: June 25, 2026

Contact: publicaffairs@culture.nyc.gov

MEET “REUSEY LUCY” AND “BUTTERCUP”: MATERIALS FOR THE ARTS UNVEILS NEW NAMES FOR FULLY ELECTRIC TRUCK AND VAN CHOSEN BY THIRD GRADERS FROM P.S. 17 IN QUEENS

The new, fully electric vehicles – part of the city’s **commitment to create a more sustainable, energy-efficient fleet** - will expand MFTA’s ability to collect and deliver donated materials from donors and members across the city

Photos of the student naming activity and unveiling are available [here](#).



The MFTA team gathers with third grade students and teachers at P.S. 17 in Queens. Photo courtesy of MFTA.

[NY1: NYC Students help name EV trucks that keep art out of landfills](#)

NYC's Newest EVs



Recent Announcements

Press Release

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City of New York Surpasses 1,000 Electric Vehicles in Law Enforcement

April 2, 2026

[Email](#)



Citywide Administrative Services

Milestone marks largest electric law enforcement fleet in North America. DSNY, Parks, and DCAS Police will electrify by 2030, ahead of Local Law 140 targets.



DCAS Commissioner Yume Kitasei and NYC Chief Fleet Officer and DCAS Deputy Commissioner Keith Kerman

NEW YORK, NY — Today, the Department of Citywide Administrative Services (DCAS), NYC Department of Sanitation (DSNY) and NYC Parks jointly announced that the city has reached a new electric vehicle milestone, surpassing 1,000 electric vehicles assigned to law enforcement agencies. To reach the latest milestone, the City of New York has acquired 70 electric vehicles for NYC Parks and 33 for DSNY. As a part of the announcement, DCAS, DSNY, and NYC Parks jointly announced that all of their law enforcement vehicles will fully electrify by 2030, five years ahead of the 2035 target in Local Law 140.



Press Release

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DCAS and NYCPS Complete Solar Canopy on Staten Island, First Ever for the Borough, Advancing Sustainable Fleet Infrastructure

August 11, 2026

[Email](#)



The new Staten Island solar canopy at the Michael J. Petrides School expands the city's municipal charging network beyond 2,600 ports.



Pictured Above: DCAS electric vehicles parked in front of the solar canopy at Michael J. Petrides School, Staten Island

Recent Announcements



Yume Kitasei, Commissioner
Keith T. Kerman, Deputy Commissioner
and Chief Fleet Officer

NYC Fleet Newsletter

June 26, 2026 - Issue 540

Buildings, NYCEM, DCAS Dedicate Electric Command Center to Joseph Esposito

By Keith T. Kerman



On June 23, at Cooper Union, Commissioner Ahmed Tigani of the Department of Buildings (DOB) and Commissioner Christina Farrell of New York City Emergency Management (NYCEM) were joined by representatives from NYPD, FEMA, DCAS, and others to dedicate a new electric command center to former NYPD Chief of Department, NYCEM Commissioner, and Deputy Commissioner for Enforcement for Buildings [Joseph Esposito](#) who passed away in January 2024. The dedication took place at a swearing in ceremony for a new class of 78 building inspectors. See the announcement [here](#).



All Agencies, Renewable Replaced All Diesel

FY26

Agency	#2 ULSD	#2 ULSD B5	RD95/B5	Total Diesel	Total Biofuel	% Biofuel
Correction	0	0	273,631	273,631	273,631	100%
Environmental Protection	0	0	339,484	339,484	339,484	100%
Fire	0	0	3,228,179	3,228,179	3,228,179	100%
Parks	0	0	581,661	581,661	581,661	100%
Police	825	7,168	500,873	508,866	508,041	100%
Sanitation	0	0	11,149,424	11,149,424	11,149,424	100%
Transportation	16,062	0	1,704,689	1,720,751	1,704,689	99%
Citywide	16,887	7,168	17,777,940	17,801,995	17,785,108	100%



Ron Kotrba
Oct 4, 2024 · 2 min read



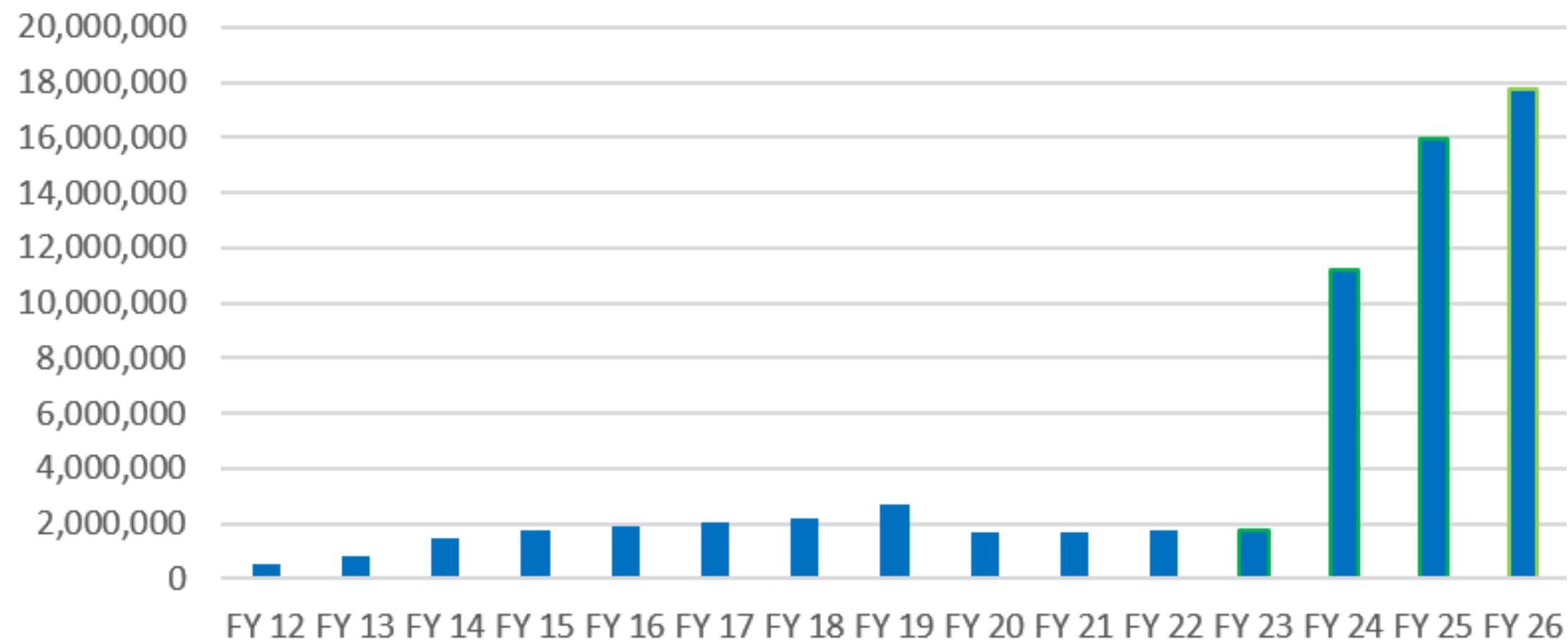
New York City completes fleet transition to renewable diesel



Photo: NYC DCAS

NYC Fleet Biofuels Use: Entire Fleet Program of NYC!

NYC Fleet: Biodiesel and Renewable Diesel Use
10 Times Increase from FY23 to FY26, +16M Gallons Annually



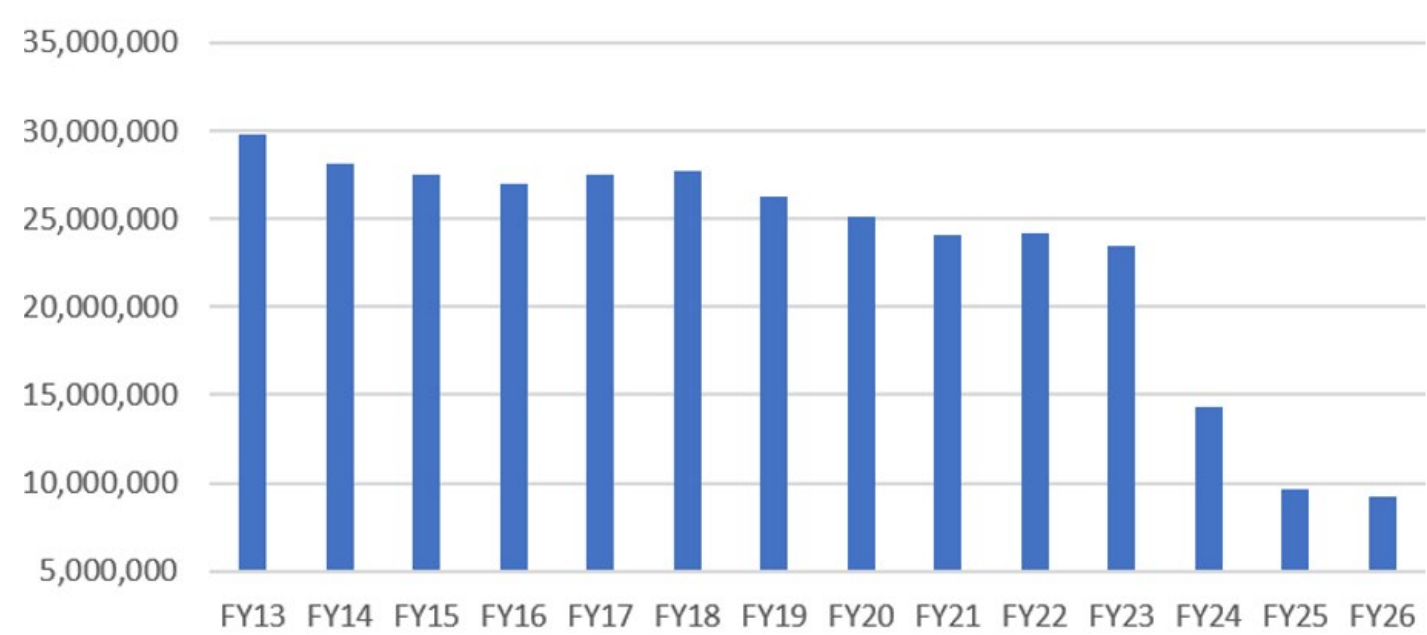
Major Snowstorm Season, 2026



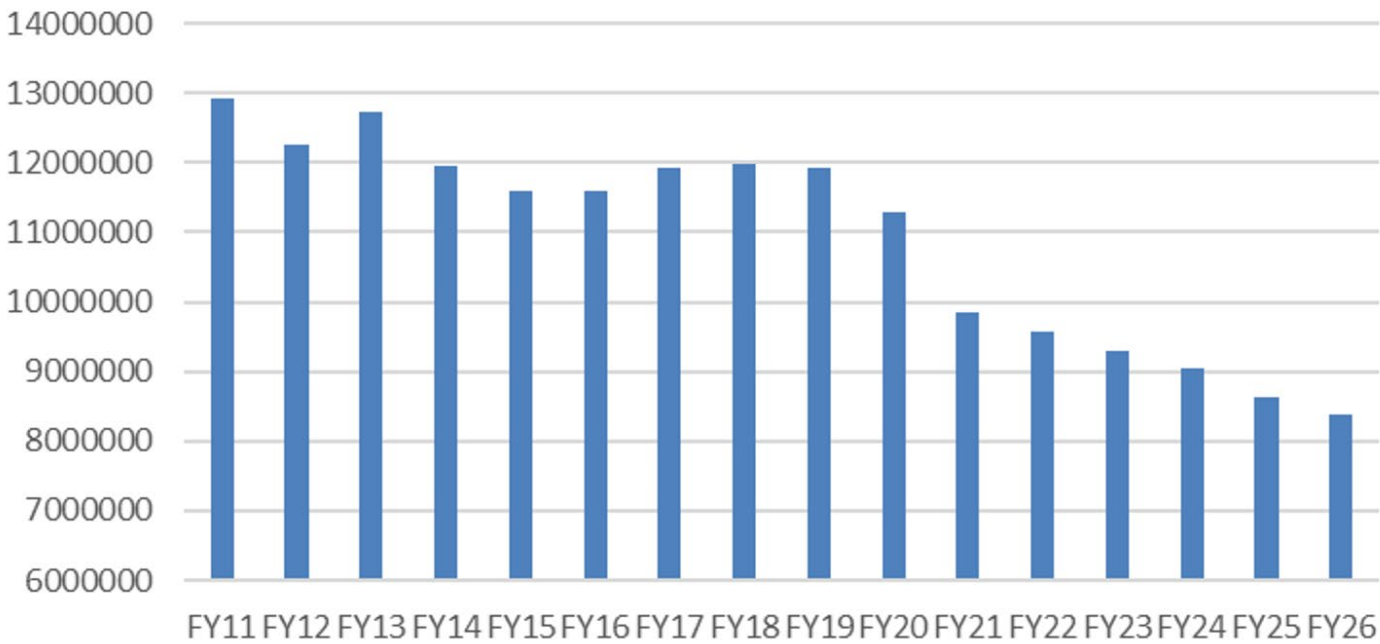
- 43.4 Inches of Snow
- Feb 22-23 Blizzard
- Renewable Diesel, Arctic Blend, Powered the Fleet, 100%

69 Percent Reduction in Fossil Fuel Use

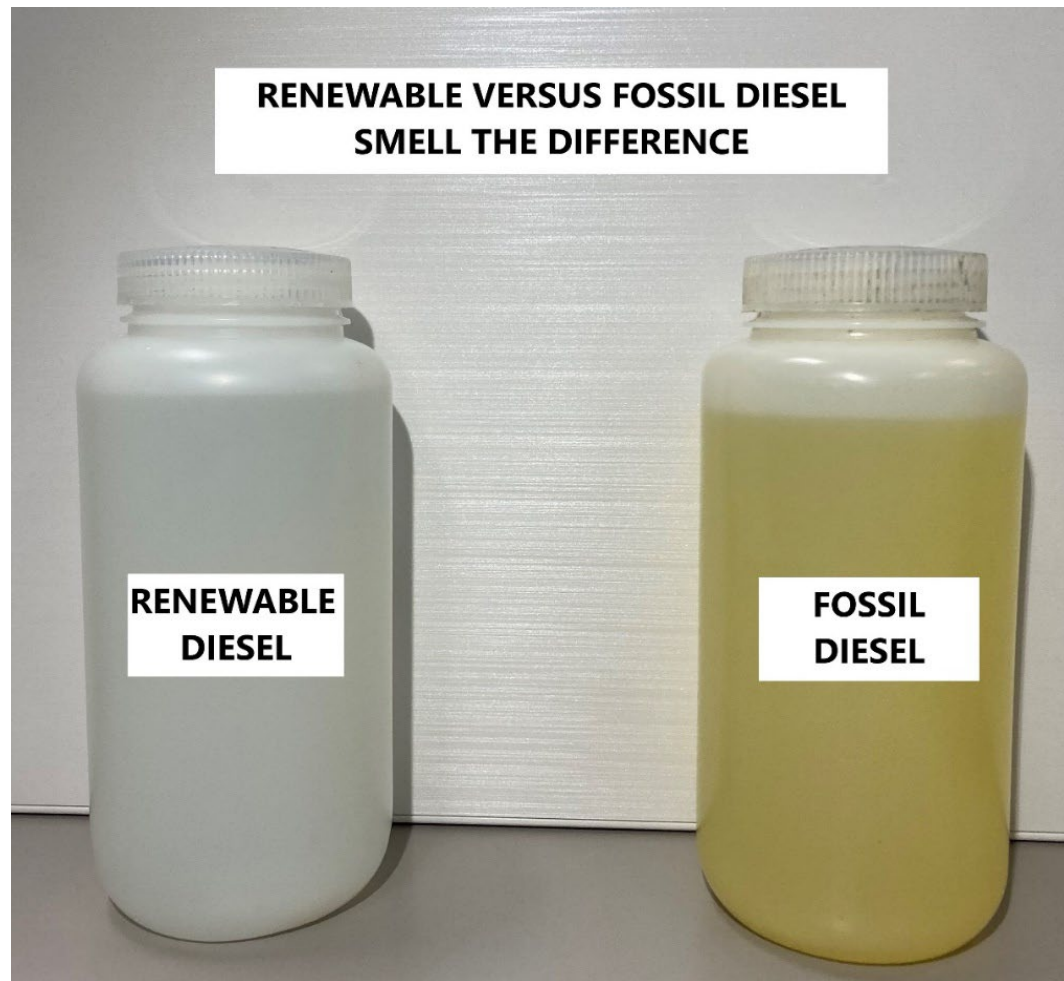
NYC Fleet: Fossil Fuel Use
Down 20.5 Million Gallons Annually (-69%)



NYC Fleet: Gasoline Use
Down 4.5 Million Gallons Annually (-35%)



Renewable Diesel, Smell the Difference



Anthony Bianculli, DSNY Chief of Support Services

“Twenty-three (23) years ago I first started with DSNY. When all the trucks were started at 6am, you couldn’t even see across the garage due to the diesel smoke and it was difficult to breath until all of the smoke dissipated. Skip forward to today with the total transition over to renewable diesel. At morning roll call you can’t even tell the trucks are running. What a difference it makes. Ultra-low sulfur diesel made a difference as well, but the renewable is a game changer. Any implementation that keeps the DSNY workforce healthy and safe is much appreciated and needed.”



BRAKES, TIRE & WHEEL

Barnwell highlights Goodyear sustainable truck tires at NYC fleet event

The display of Goodyear medium-duty truck tires included a soybean oil-based tread compound.

July 8, 2026 2 min read

ADD US ON GOOGLE

Soy Tire Sales, 2018 to 2026	
AGENCY	TOTAL SALES
Correction	52
Transportation	522
Parks and Recreation	68
FDNY	75
NYPD	2280
TOTAL	2997

Staten Island Ferries and Renewable Diesel

NYC Harbor, Staten Island Ferries Making First Shift to Renewable Diesel

In New York, the Departments of Citywide Administrative Services, Transportation, and Environmental Protection and NYC Parks have started testing the use of renewable diesel in vessels. The barge contract will enable the transition to long-term and large-scale renewable diesel use for city vessels.

[HERE](#)



Total Biofuels in Government Operations

NYC Government Use of Biofuel Blends			
Blended Gallons for			
FY	Government Buildings (1)	Blended Gallons for Government Fleet	Total
13	31,736,530	11,925,594	43,662,124
14	35,457,127	14,080,534	49,537,661
15	35,554,585	15,597,826	51,152,411
16	22,669,030	15,281,204	37,950,234
17	23,792,071	15,780,318	39,572,389
18	27,412,541	15,698,806	43,111,347
19	25,955,047	14,596,581	40,551,628
20	20,354,876	13,305,898	33,660,774
21	23,145,725	13,792,271	36,937,996
22	25,699,426	14,219,288	39,918,714
23	21,256,343	13,848,141	35,104,484
24	19,583,677	14,604,008	34,187,685
25	20,919,648	15,927,795	36,847,444
Total	333,536,625	188,658,265	522,194,890

(1) Total fuel use determined by winter temperatures; Prepared by DCAS Fleet

DCAS Fleet Office of Real Time Tracking (FORT)

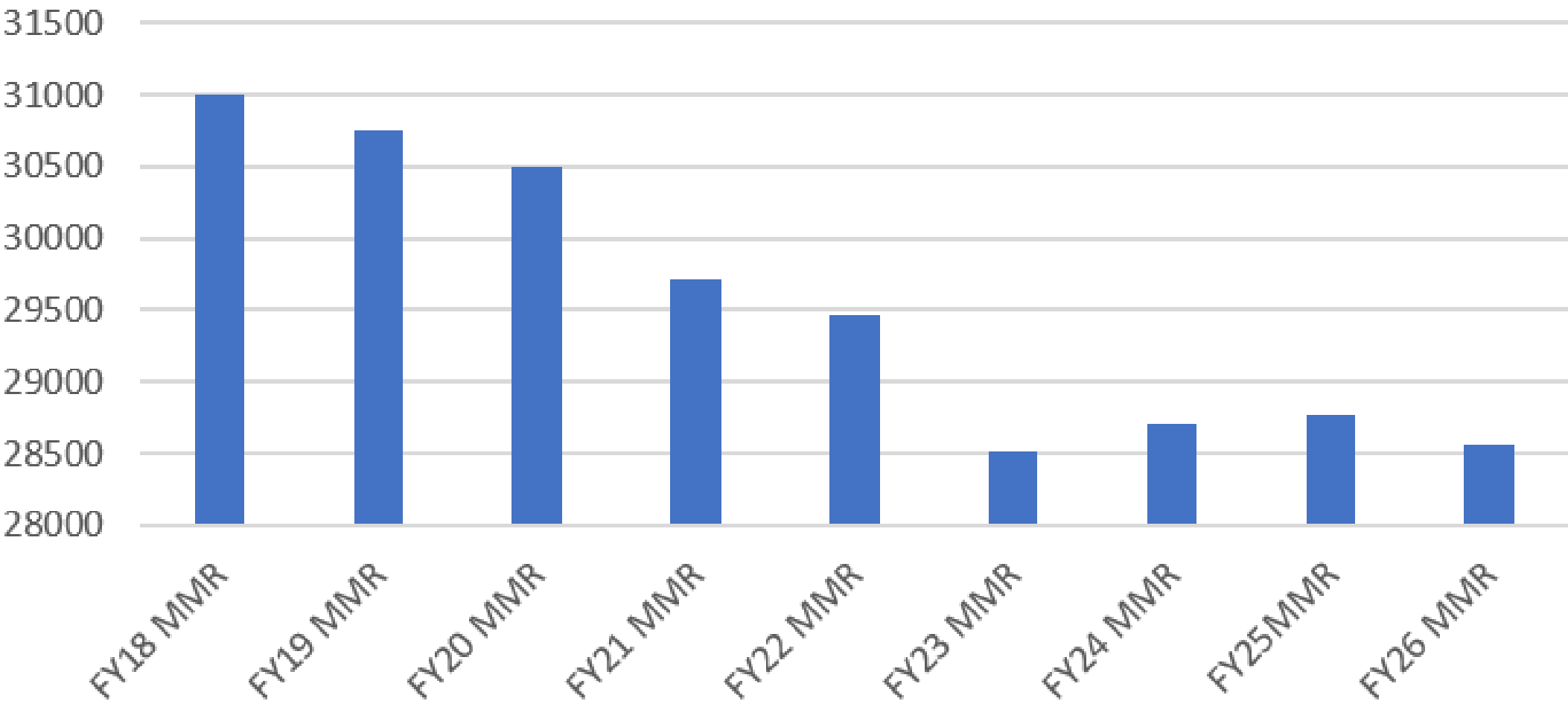


Fleet is Everywhere!



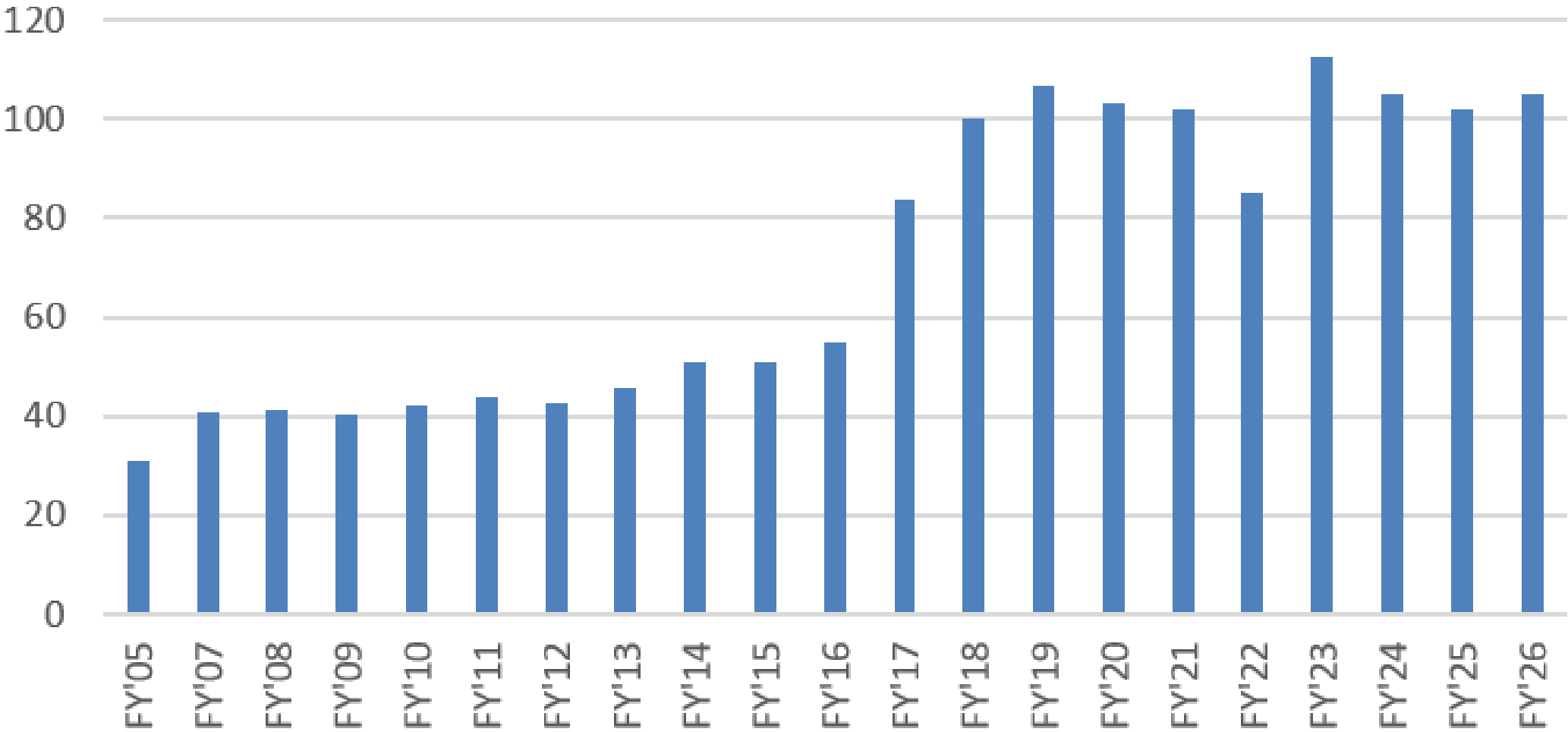
Fleet Efficiency Initiative

NYC Fleet Size; Active Units
Reduced 2,188 Units or -7% Since FY19



EPA Fuel Economy, CAFE Equivalent

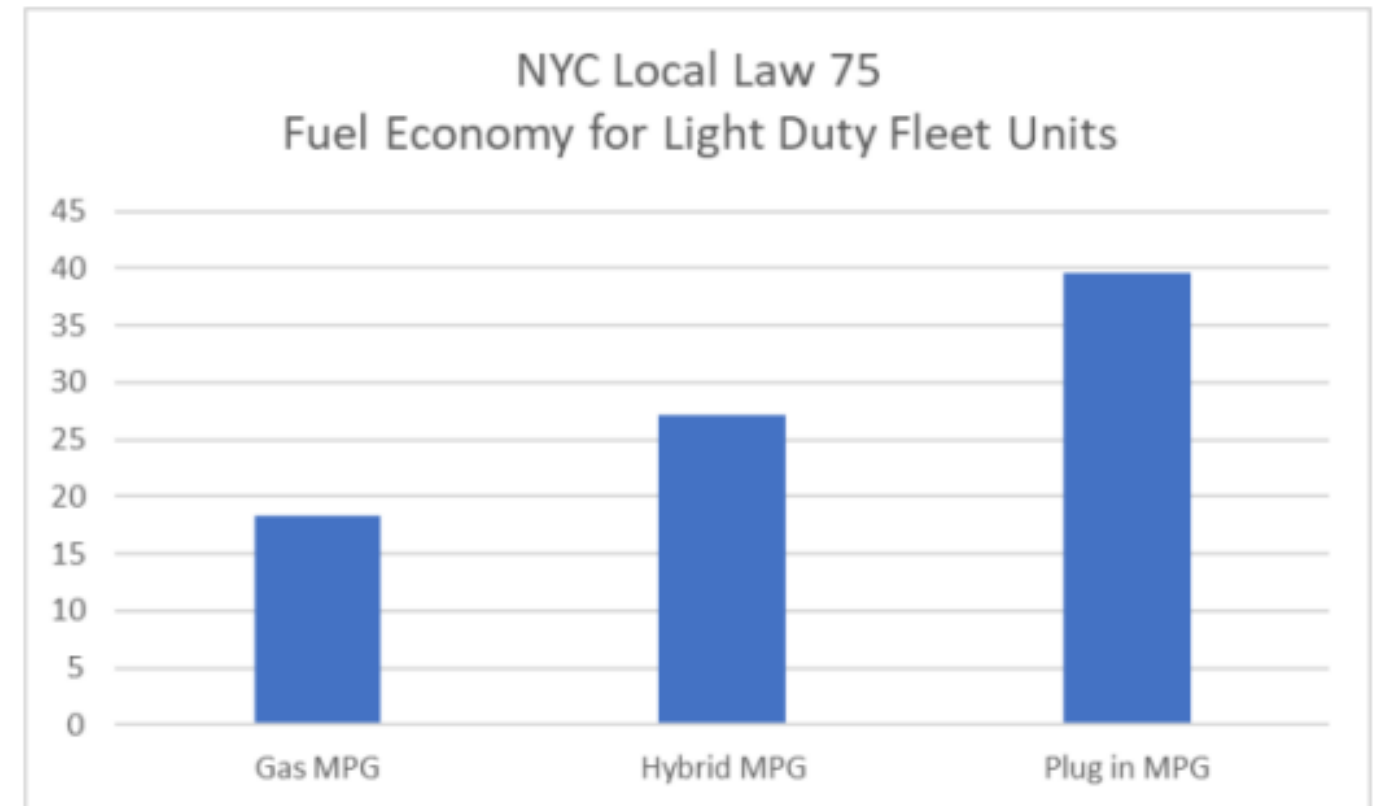
NYC Fleet: EPA Fuel Economy:
8 of 9 Years Over 100 Miles Per Gallon (MPG)



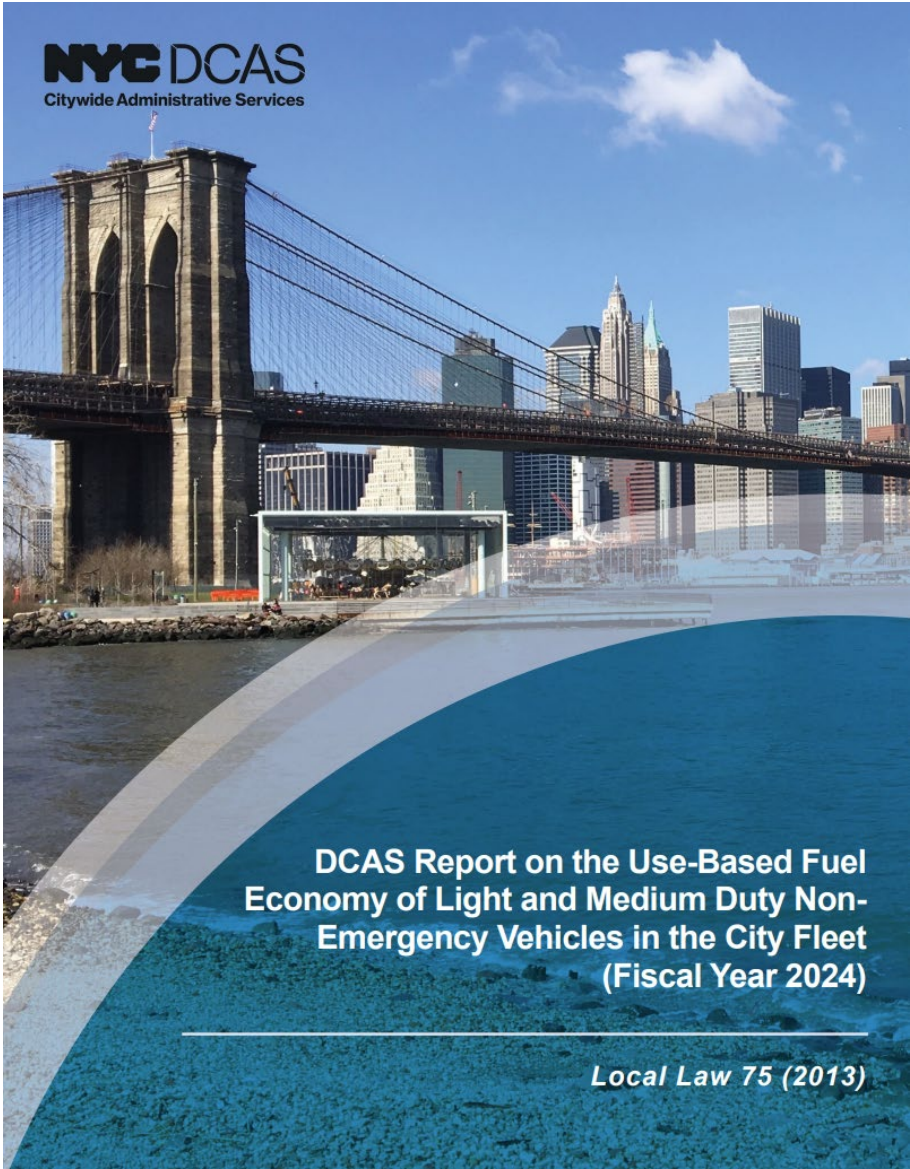
Local Law 75 Report, February 2026

- **Hybrid and Plug-in Hybrid Light Duty Vehicles Achieve Dramatically Better Actual Fuel Economy than Gasoline Units:** The FY25 reports includes light duty vehicle tracking for 698 gas units, 1,609 hybrid units, and 1,496 plug-in hybrid units. In total, over 23 million miles are tracked and reported for these units.

Use-based fuel economy goes up clearly for each stage of technology: 18.25 MPG for gas; 27.17 for hybrids; and 39.56 for plug-in hybrids. Electric technologies continue to show their effectiveness in improving fuel economy in actual use.



Affordability: Saving Money with EVs



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Mar 19, 2019 - Energy & Environment

EV maintenance costs in NYC run lower than gas-powered cars

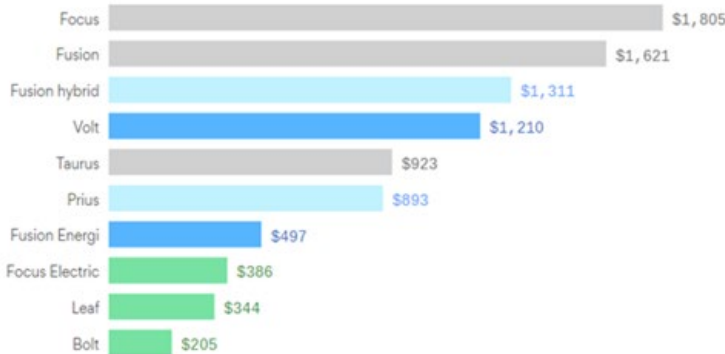
Ben Geman, author of [Axios Generate](#)



The New York City government's maintenance costs for its electric vehicle fleet were much less per automobile than its gasoline-powered cars, city data released this month shows.

Average maintenance cost for NYC municipal vehicles in 2018

By car energy type: ● Gasoline ● Hybrid ● Plug-in hybrid ● Electric



Data: NYC Department of Citywide Administrative Services; Chart: Andrew Witherspoon/Axios

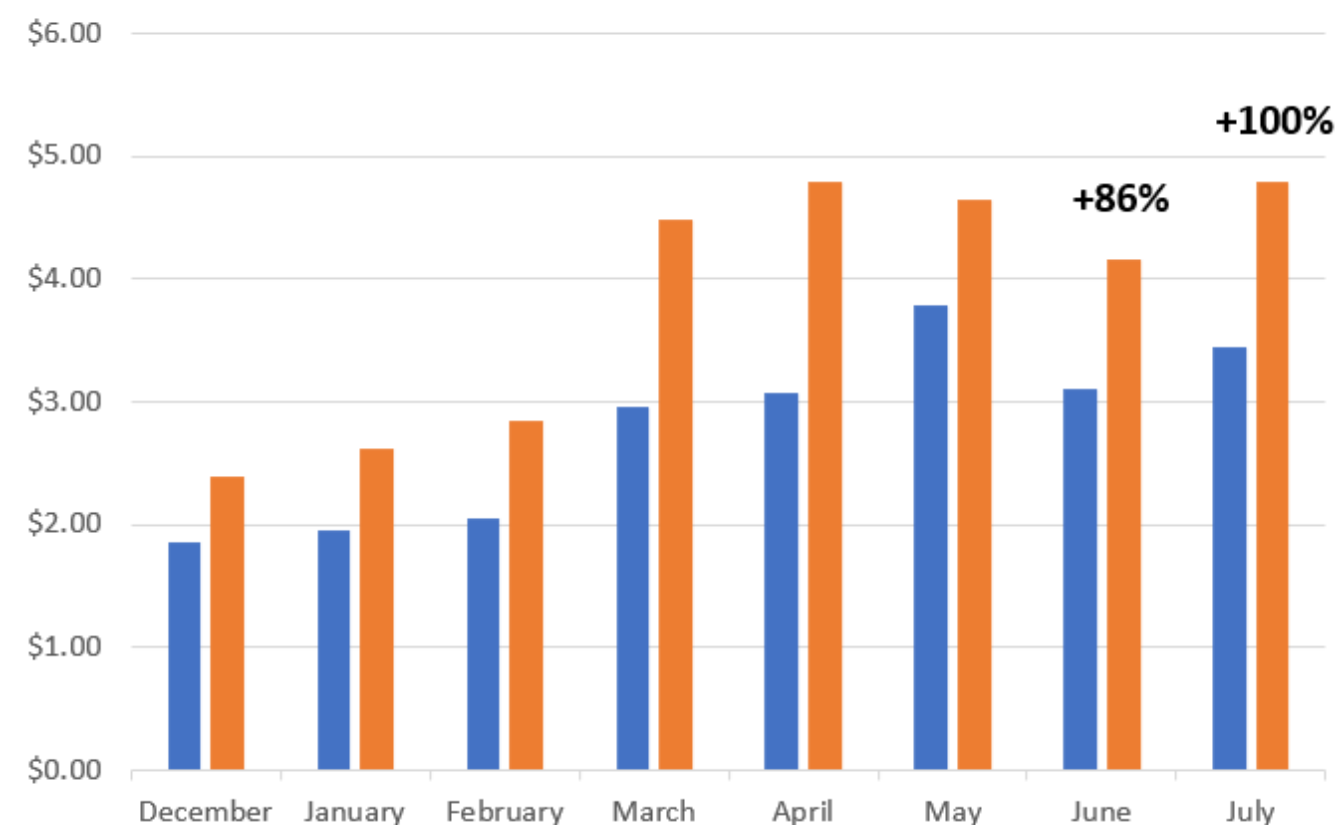
Why it matters: Municipal and corporate vehicle fleets are a growth area for EVs, and not just for environmental reasons. That's the upshot of the latest edition of a newsletter I'd never seen until yesterday: the [NYC Fleet Newsletter](#) from Citywide Administrative Services.

What they're saying: "Right now, servicing costs with our all-electric vehicle models is dramatically less than with gas, hybrid, or hybrid plug-in models," chief fleet officer Keith T. Kerman writes in the newsletter.

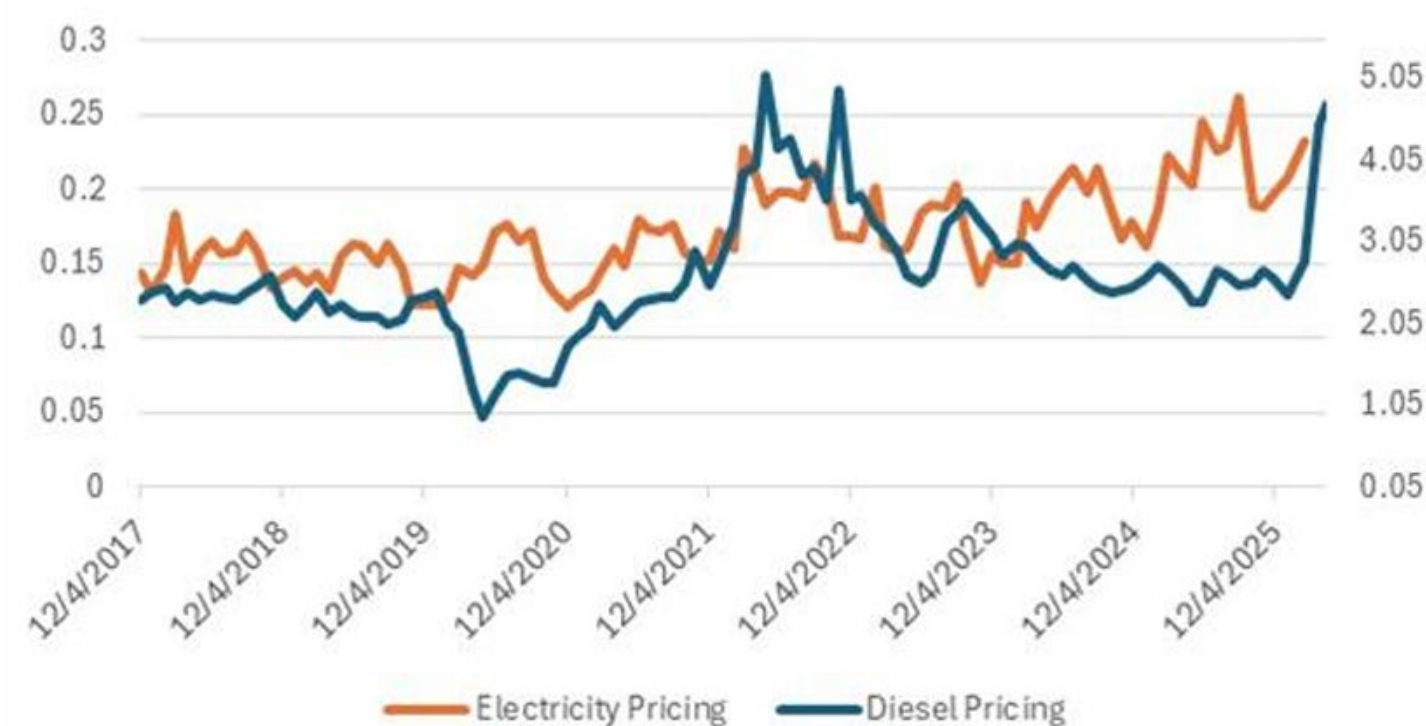
- "In general, our hybrid models also achieve benefits from gas models, though the most dramatic results in this report are with the all electrics," he adds.

Liquid Fuel Price Increases and Volatility

DCAS: Contract Fuel Pricing



DCAS: Volatility of Diesel Versus Electricity Pricing



EV Battery Study



Analysis of Electric Vehicle Battery Operations

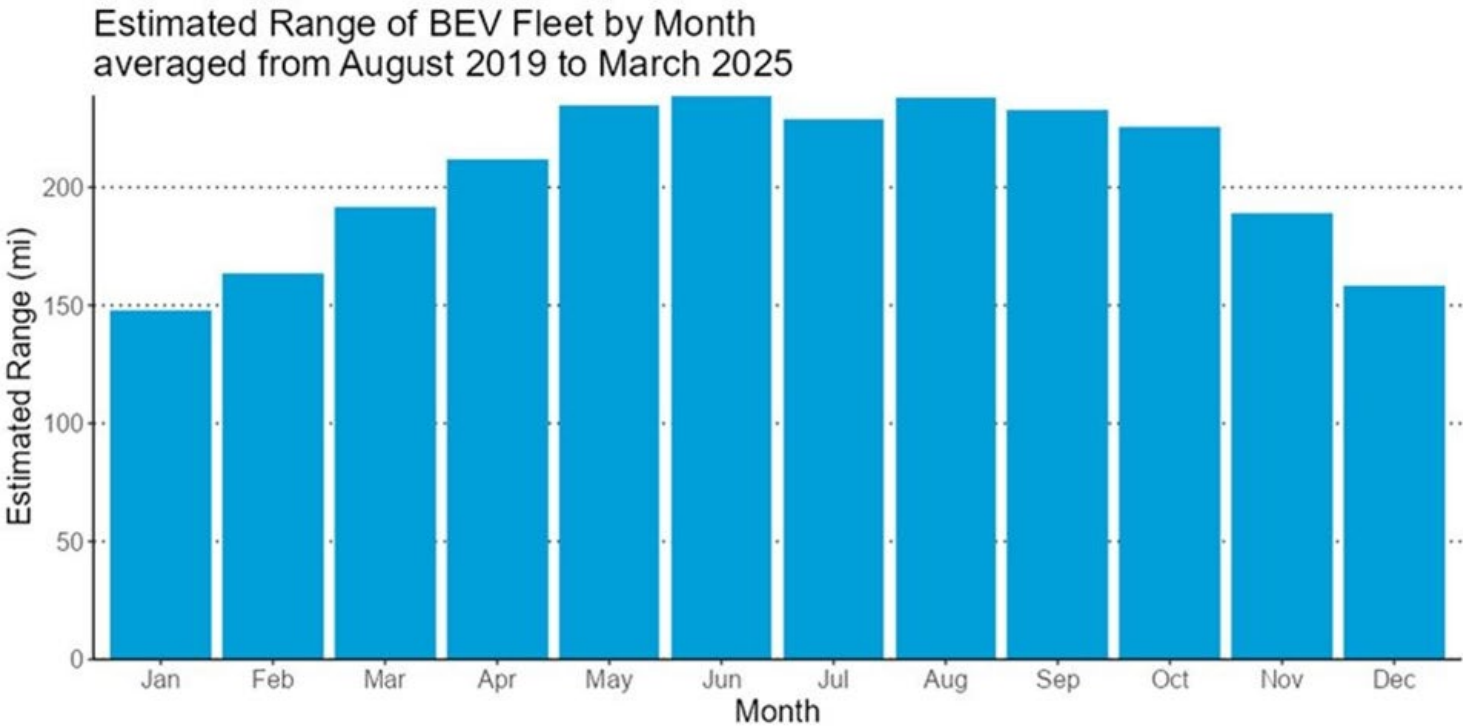


Fleet Office of Real-Time Tracking (FORT)



[HERE](#)

Battery Electric Vehicles (BEVS) Are Most Efficient By Far						
	Number of Vehicles	Distance (mi)	Fuel Used (gal or gal equivalent)	Actual MPG or MPGe	EPA Rating	Percent Difference
BEV	1,110	5,717,375	62,840	91	105	-14%
Gas	495	2,640,616	267,820	10	21	-54%
Hybrid	650	4,875,917	313,984	16	32	-51%
PHEV	936	6,282,161	308,195	20	91*	-78%



EV Battery Study

ENERGY WIRE ♦

New York City's government loves its EVs, except in the cold

By DAVID FERRIS | 08/04/2025 06:39 AM EDT

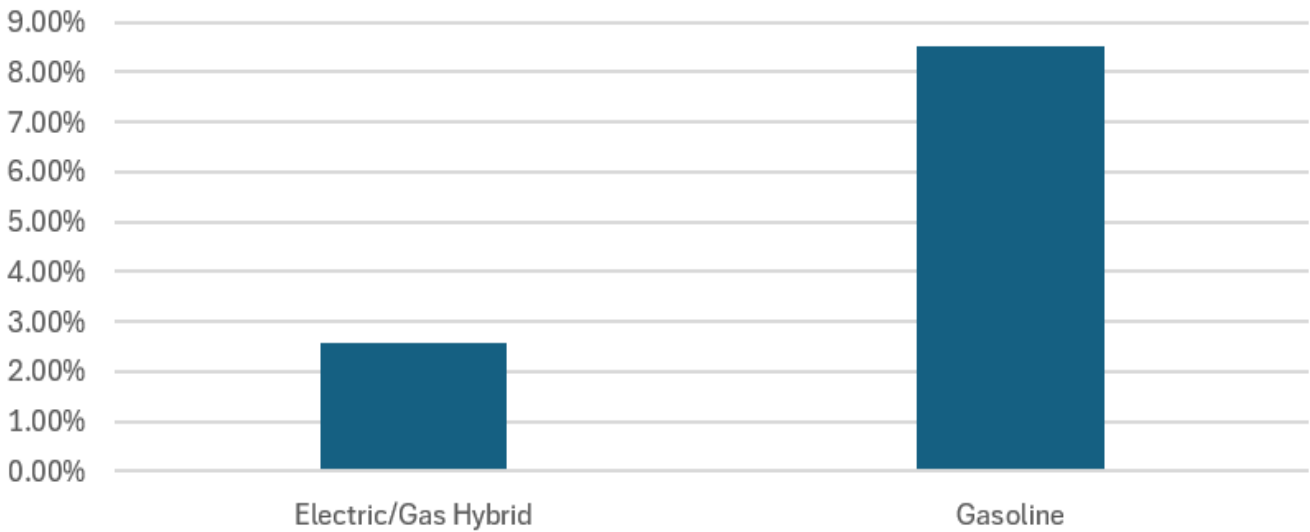
The city's 2,500 EVs are the largest municipal fleet in the country. Their range drops by a third in the winter.

Resilience through Hybrids: Less Overheating

METRO

NYPD gets fleet of 140 new hybrid SUVs with high-tech features to thwart ambushes [HERE](#)

NYC Fleet: Resilience Through Hybrid Electric Vehicles
3 Times Fewer Overheat Work Orders
Hybrid Police Cars Compared to Gas
2015 to 2026



Idling Reduction

Transit

School bus companies must stop idling vehicles, electrify fleets under settlement with AG James

am By Ben Brachfeld

Posted on July 8, 2024



Yellow school buses sit outside PS K140 in Bedford-Stuyvesant, Brooklyn in 2022.

Vision Zero Reimagined, Fleet Safety



Yume Kitasei, Commissioner
Keith T. Kerman, Deputy Commissioner
and Chief Fleet Officer

NYC Fleet Newsletter

July 23, 2026 - Issue 544

Mayor Mamdani Signs Executive Order to Improve Fleet Safety

By Keith T. Kerman



On July 23, 2026, Mayor Mamdani signed Executive Order 19 to forge new [critical steps in fleet safety](#). Under the [Executive Order](#), all non-emergency trucks will be outfitted with pedestrian turn alerts. In addition, all non-emergency vehicles will be outfitted with intelligent speed assistance (ISA), furthering NYC's national leadership in this speed management technology.



Electric and Highest Vision



Pedestrian Turn Alerts

SAFETY

Friday Video: Listen To This Polite-But-Firm British Man

He's the voice of a new automatic warning being installed on non-emergency vehicles in the city fleet to alert you that a large vehicle is about to make a turn. Cheerio!



By Streetsblog

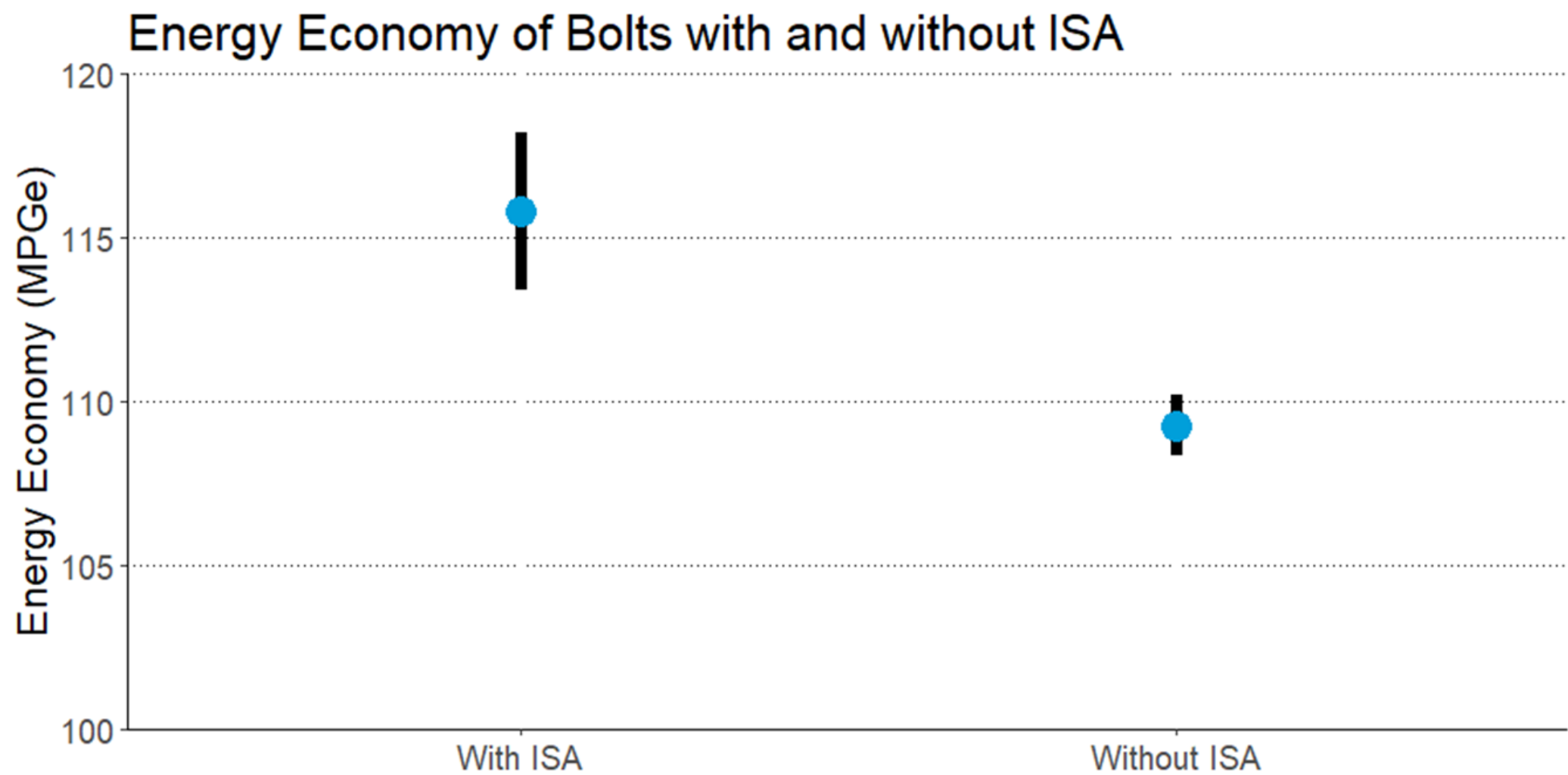
12:03 AM EDT on August 14, 2026



Streetsblog Editor Gersh Kuntzman experienced the new tech himself.

[THIS VEHICLE IS TURNING](#)

Better Fuel Economy with Intelligent Speed Assistance



Updating the Clean Fleet Plan: What's Next?

- 80x35 GHG Reduction
- Expanding electric fleet especially medium duty vans and pickups
- Completing the vessel program for renewable diesel
- Extended range electric vehicles (EREV)
- Introducing heavy duty electrification in new areas
- Increasing off-road and horticultural equipment electrification
- Alternative power units (APUs) for correction buses
- Expanding hybrid police fleet while testing more EVs
- 12,000+ EVs and 5,000+ charger ports by 2035

NYC and LAC Partnering on EV

Press Release

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Bi-Coastal Fleet Accord: City of New York and Los Angeles County Launch Nation's First-Ever Municipal Vehicle Partnership

May 21, 2026



Bi-Coastal Fleet Accord: City of New York and Los Angeles County Launch Nation's First-Ever Municipal Vehicle Partnership

Clean fleet partnership will drive climate goals through mutual support, advocacy, and existing scale.



Pictured above: DCAS Deputy Commissioner of Fleet Management and Chief Fleet Officer Keith Kerman, DCAS Commissioner Yume Kitasei, and Los Angeles County ISD Chief Deputy Director Quintin Haynes announce the Bi-Coastal Fleet Accord

Partnering Far and Wide to Support Sustainability



Events, Clean Vehicle Festival, October 1

EMPIRE CLEAN VEHICLE FESTIVAL

Join ECC and partners for a showcase of the latest clean transportation innovations shaping the future of mobility across our region!



**THURSDAY
OCTOBER 1ST, 2026
9AM-2PM**

**UNION SQUARE PARK
NORTH PLAZA
NEW YORK, NY**

FOR MORE INFORMATION:
tiffany@empirecleancities.org



The annual festival showcases the latest zero- and near-zero-emission vehicles and technologies advancing clean transportation in New York and beyond.

DISPLAYS WILL INCLUDE:

-  A diverse range of all-electric and alternative-fuel fleet vehicles
-  Innovative micromobility solutions designed for urban transportation
-  Leading clean transportation and sustainability initiatives
-  Resources on fleet funding, incentives, and implementation opportunities

And more!





Additional event information: <https://bit.ly/4r9wIWf>

Contact

For more information, go to the NYC Fleet website:
<http://www.nyc.gov/html/dcas/html/employees/fleet.shtml>

Keith Kerman
Chief Fleet Officer
New York City
Deputy Commissioner,
Department of Citywide Administrative Services

kkerman@dcas.nyc.gov

The logo for DCAS features the letters 'D', 'C', 'A', and 'S' in a bold, sans-serif typeface. Each letter is split vertically down the middle, with the left half colored blue and the right half colored black. The letters are positioned closely together, creating a unified brand mark.

DCAS

Thank You