



Bill de Blasio, Mayor
Stacey Cumberbatch, DCAS Commissioner
Keith T. Kerman, Chief Fleet Officer

APRIL 10, 2015

ISSUE 88

NYC TESTS TOYOTA MIRAI HYDROGEN FUEL CELL CAR

KEITH T. KERMAN



This month, DCAS signed an agreement with Toyota for a short term test use of a new hydrogen fuel powered Mirai. We received the unit on April 3, making this one of the first Mirai units to be operated in NY State.

The Mirai is powered exclusively by a hydrogen fuel cell. It is a zero emissions vehicle, except for a small amount of water emissions. The unit is a full sized sedan and has the latest in safety systems and driver alerts.

The fueling process for hydrogen is relatively fast, requiring approximately five minutes. Hydrogen fueling is not available in the New York area currently however, and this unit will be fueled in Connecticut for this test program. De-

velopment of hydrogen fueling infrastructure would be a major challenge for adoption of this type of technology. Hydrogen is most commonly sourced from natural gas.

Toyota has focused its early rollout of the Mirai in California. As per Toyota, this type of fuel cell and zero emission technology has the capacity to be applied to the full variety of vehicles from sedans to large trucks.

Thanks to Toyota for offering this test introduction to their new hydrogen vehicle line and to DCAS Legal for their work on the agreement.



FLEET SPOTLIGHT: THE ACS FLEET

ARMENOUSH ASLANIAN-PERSICO



The NYC Administration for Children's Services (ACS) takes the lead in caring for the most vulnerable in our population. ACS protects New York City's children from abuse and neglect through child welfare, juvenile justice, and education programs. Nearly 150,000 children received support from ACS in 2014.

ACS's fleet of 160 vehicles operates 24/7 to facilitate this vital mission, and is managed by Stuart Goldstein, Executive Director of Transportation. ACS takes custody of children waiting to be placed with families and manages two secure facilities for juveniles age 10 to 15. Their fleet includes over 40 sedans and vans including Sprinters, Windstars, Ford E-350 and Dodge Rams. These vehicles are primarily used to transport children for appointments, placements, removals, recreation, and school. Some of the E-350 and Dodge Ram vans are specially designed with partitions and reinforcements. The fleet is also used by social worker and investigators who perform home visits and family conferences. Additionally, the ACS Instant Response Team responds to emergency, abuse, and domestic violence cases.

ACS participates in Vision Zero and sustainability initiatives. All units are outfitted with speed tracking devices and ACS is part of our CRASH, collision reporting, initiative. An ACS truck was one of the first City trucks to be outfitted with safety side-guards. ACS is working to adopt electric vehicles (EVs) and has one Chevy Volt and one Ford Focus EV in its fleet. ACS has hundreds of authorized drivers up to date on defensive driving, including 20 designated motor vehicle operators (MVOs) such as Dootechine Joseph, pictured here. Thanks to Stuart and supervisors Wilcelse St. Jacques and Darrell Davis for their support of the citywide fleet initiatives.

ACS participates in Vision Zero and sustainability initiatives. All units are outfitted with speed tracking devices and ACS is part of our CRASH, collision reporting, initiative. An ACS truck was one of the first City trucks to be outfitted with safety side-guards. ACS is working to adopt electric vehicles (EVs) and has one Chevy Volt and one Ford Focus EV in its fleet. ACS has hundreds of authorized drivers up to date on defensive driving, including 20 designated motor vehicle operators (MVOs) such as Dootechine Joseph, pictured here. Thanks to Stuart and supervisors Wilcelse St. Jacques and Darrell Davis for their support of the citywide fleet initiatives.