



New York City & Lower Hudson Valley Clean Communities, Inc.

Clean Cities Facts and Figures **Edition 2011**

Who We Are:

The New York City & Lower Hudson Valley Clean Communities is made up of over 70 public and private organizations. Combined we operate over 6,500 of alternatively fueled vehicles operating on the streets of New York City and Lower Hudson Valley. These vehicles are fueled by compressed natural gas, ethanol (E85), or are hybrid or battery electric vehicles. In addition many fleets use a blend of biodiesel in their operation. We are a chapter of the Federal clean cities program that is housed in the US Department of Energy. The Federal Clean Cities program was designed as a grass roots program to reduce the consumption of oil, support the development of sustainable fuels and demonstrate new technologies.

What We Do:

Our goal is to stimulate the use of alternate fuels in the NYC & Lower Hudson Valley area by working towards greening both public and private fleets. We work closely with private fleets, local utilities, automotive partners, fuel providers and state and federal government to bring these programs and projects to the NY metropolitan area.

Facts and Figures:

- In 2010, NYCLHVCC, Inc. and its stakeholders worked together to reduce over **23,000,000 gallons** of gasoline equivalent and **100,000 tons** of green house gas emissions.
- In 2010, NYCLHVCC, Inc. educated over 1,200 people on the importance of alternative fuel vehicles and technologies.
- NYCLHVCC, Inc. and its stakeholders have been awarded over \$5.5M in American Recovery & Reinvestment Act (ARRA) in 2009. Our stakeholders will be delivering goods and services throughout all 5 boroughs and the Lower Hudson Valley in alternative fuel and advanced vehicles. Congratulations to the follow awardees: Central Hudson G & E, Coca-Cola, Town of Warwick, Bard College, Manhattan Beer, Verizon, NYPA, Town of Mamaroneck, Westchester Ambulette, Town of Dobbs Ferry, City of White Plains and Phoenix Beverage/Demon Trucking. **LOOK FOR THESE VEHICLES CURRENTLY ON THE ROAD!**
- NYCLHVCC, Inc. was chosen as the 2010 NAFTC National Kickoff site for the 2010 Odyssey Day event. This event was held in NYC's Union Square where NYCLHVCC showcased over 15 alternative fuel vehicles and drew an audience of over 500 people.
- NYCLHVCC, Inc. has started its series of Electric Vehicle Symposiums. In our second of three series, we have educated over 200 people on hybrid electric and plug-in electric vehicles as well as charging stations.
- NYCLHVCC, Inc. has been awarded the Clean Cities Community Readiness and Planning Grant. This \$8.5M that has been dispersed among organizations will lead the way to begin one-year projects that will help communities address their specific needs, which include updating permitting processes, revising codes, training municipal personnel, promoting public awareness, or developing incentives.



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- The City of New York has encouraged the use of alternate fuel vehicles in the municipal fleet as well as developing funding programs in conjunction with the State Energy Research and Development Authority for Private fleets and taxi fleets. We have applied for and will be receiving over \$80 Million dollars in Federal CMAQ funds to assist municipal and private fleet conversion to alternative fuels or diesel retrofit technology between now and 2012.
- Over 800 CNG buses operating in New York City displace over 10 million gallons per year in the next 5 years. In addition over 1,100 hybrid electric transit buses are reducing emissions and saving fuel on the city streets.
- The City Department of Sanitation operates 26 CNG trucks and 9 sweepers and has the first six E-85 ethanol pumps in New York City. In addition, most City agencies have begun to use biodiesel blends up to B20 in its fleets.
- The City of New York has the largest municipal fleet of hybrid electric vehicles in the country. These 3,500 hybrid sedans have reduced gasoline consumption by almost 50% as compared to conventional sedans.
- After introduction by the alternate fuels program of 2 electric step vans, the US Postal Service now operates 30 electric vehicles in New York City. USPS also pumps over 60,000 gallons per month of biodiesel into their diesel powered trucks. USPS operates 207 CNG trucks in the City as well.
- The State of NY is has developed a comprehensive CNG fueling network for State vehicles. Many of these sites are open to the public. Next to come is Ethanol. The first public station is now open in Albany.
- Over 3,000 taxis are now hybrids. Hybrid taxis uses half the fuel of today's Crown Victoria Taxis.
- The Bronx Community college is actively training the mechanics of the future to be able to maintain alternatively fueled vehicles. They have also a center focused on sustainable transportation programs.
- Manhattan Beer, a regional distribution company based in the Bronx Brooklyn and Long Island, has been a community leader by converting 45 of its trucks to CNG and plans to covert more.
- Federal Express has introduced the first 45 of its next generation hybrid electric delivery trucks into NY City. These vehicles offer extremely low emissions and improved fuel economy. This is a result of a NYC DOT/NYS Energy Research Development Authority program to seek private fleet partners for conversion to alternative fuels.
- The City of New York recently took delivery of 70 electric vehicles adding to the efforts to lower the carbon footprint of the fleet.

NYCLHVCC is a 501c3 Not-for-Profit organization. Contact us to find out how you can get involved.

Useful Websites

www.nyc.gov

<http://www.eere.energy.gov/cleancities/>

www.greencarcongress.com

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