

Coalition Presentation



2011 Clean Cities Coordinator Regional Peer Exchange
Dallas, Texas



Greater New Haven Clean Cities Coalition, Inc.

Coordinator: Lee Grannis

Overview: Greater New Haven Clean Cities Coalition, Inc.



- Designated: October 1995
- Territory: New Haven County Area of Connecticut
- Stakeholders: 33



The GNHCCC has primarily been involved in management of the Connecticut Clean Cities Future Fuels (CCCFFP) project during the year. The coalition operates primarily in New Haven County, however the CCCFFP is a state wide project. During the year the coalition has been involved in CNG, LNG, Hydrogen, Electric/EVSE and to a lesser extend Biodiesel fuels. Except for Hydrogen and Biodiesel vehicles the coalition has been directly and indirectly involved in the vehicle deployment of the utilizing the listed fuels.



- **Infrastructure-Completed**

CNG Facility - Meriden Public Works (Non-Public)

LNG/CNG Facility - Bridgeport - Enviro Express (Public)

CNG Facility - Fairfield Public Works Upgrade (Non-Public)

CNG Facility - West Haven - Metro Taxi (Public)

CNG Facility - Glastonbury Public Works (Non-Public)

Biodiesel Pump - Norwich Public Utilities (Non-Public)

CNG Facility Upgrade - Norwich Public Utilities (Public)





Fuel Usage in New Station

Company/Station Name	Street Address	City	State	Station Status	Type of Alternative Fuel	Fuel Access	Cumulative Fuel Dispensed	AVG Fuel Selling Price
City of Meriden	55 Michael Drive	Meriden	CT	Operational	CNG	Private	1,498.23	\$1.88
Enviro Express Natural Gas	55 Wordin Avenue	Bridgeport	CT	Operational	LNG	Public	273,019.90	\$1.89
Enviro Express Natural Gas	55 Wordin Avenue	Bridgeport	CT	Operational	CNG	Public	33,753.26	\$3.25
Metro Taxi	65 Industry Drive	West Haven	CT	Operational	CNG	Public	15,978.40	
Town of Fairfield	605 One Rod Hwy	Fairfield	CT	Operational	CNG	Private	1,600.00	\$1.88
Nana Corp.-Shell	80 Ella Grasso Turnpike	Windsor Locks	CT	Station Commissioning this week	CNG	Public	-	
Town of Glastonbury	300 Welles Street	Glastonbury	CT	Operational	CNG	Private	210.00	
Yellow Cab	86 Granby Street	Bloomfield	CT	Station commissioning this week	CNG	Public	-	
NPU	16 South Golden Street	Norwich	CT	Operational	CNG	Mixed	28,007.00	\$1.95
NPU	16 South Golden Street	Norwich	CT	Operational	Biodiesel	Private	5,071.00	
NPU	16 South Golden Street	Norwich	CT	Site work started	EV	Mixed	-	
City of Bridgeport				vehicles only	CNG		-	



- **Infrastructure-Under Construction**

CNG Facility - Yellow Cab-Bloomfield (Public) Dec 9, 2011

CNG/Biodiesel/EVSE Facility - Airport Shell Station -
Windsor Locks (Public)

Hydrogen Facility - CTTRANSIT Hartford (Non-Public)

EVSE Facility - Norwich Public Utilities (Non-Public)





2011 Connecticut Expo

- 200+ People attended
- Biggest Assortment of Alternative Fuel Vehicle in Eastern US
- Very Full Agenda
- Ride and Drive





Electric Vehicles & Infrastructure

- Just Starting-1st Year of J1772 Fielding
- Consumer Reality, Environmental Benefit & Electric System Optimization
- Partners - Utilities
- Customer Segment - Early Adapter, Fast Followers, Early Majority
- Consumer education/Government Officials
- Mapping EVSEs-Where they are and where to put them
- Safety-Codes, First Responders
- Working with Coalition Members
- Synchronizing Marketing Messages
- Smart Grid
- EVSE vs. On-board vehicle Chargers
- Facilitating Deployment

Training First Responders

- The GNHCCC continues its efforts in working with key stakeholders required in the success of AFV implementation. During the past year in the ARRA award, many lessons have been learned and over 300 First Responders Trained. There are still more to be trained under the current Future Fuels Project and we anticipate nearly 500 to be trained in-state by the end of 2012 as part of the project.
- We are currently working with key stakeholders in CT to expand our involvement in this critical path requirement to success for AFV's in the market.
- The GNHCCC anticipates significant movement in this area to be realized before mid-year 2012 and we will look forward to sharing information with you at that time.





State Legislative Activities

- State Electrical Code
 - CT uses 2005 Code-Resistance to adapting up dated code
 - Town and City Planning and Zoning Committees-Each town is different
- Weight & Measures
 - Fueling Facility Inspections-Proper fuel measured sales
 - Fuel Quality Inspection
- Dept. of Motor Vehicles
 - AFV OEM Accepted Components and Standards
 - Emission testing
- State Income Tax Department
 - Level Alternative Fuel Taxing Rates
 - Educate State Tax Personnel- Penn. has the best laws/regulations
- Job Creation
 - Advise legislators on what training is needed
 - Work with Community Colleges and Technical High Schools

Other Activities – New Vehicles in the Area

CTTRANSIT New Buses New Flyer 40 Ft. Diesel Hybrid-Electric Bus



Greater New Haven Transit District Hydrogen Bus

Ebus 22 Ft. Hybrid-Electric Hydrogen Bus



Paul Wessel – GNHCCC Board Member
Active Supporter of the Coalition for over a decade
Recently appointed the Executive Director of the
Green Parking Council

