



U.S. Department of Energy
Energy Efficiency
and Renewable Energy



Capitol Clean Cities of Connecticut Recent Accomplishments & Future Goals

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2009 Clean Cities Eastern States Coordinator Peer Exchange

Pittsburgh, PA

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Coalition Status and Sustainability

- **Current Status**
 - Coordinator remains a part-timer
- **Membership Structure / Strategies**
 - Members have been primarily recruited by personal contact. We continue to operate as a non-dues paying organization relying on DOE funding for all coalition activities.
- **Steps to Become Self-Sustaining**
 - Consider charging dues to members
 - Seek potential sponsoring organizations



Significant/Noteworthy Vehicle Projects

New Alternative Fuel and Hybrid Vehicles procured under CT Clean Fuels (CMAQ) funded program by CCC stakeholders

- Town of Glastonbury – 4 CNG Honda Civic GX; 1 E450 CNG conversion
- City of Hartford – 12 HEVs
- City of Meriden – 3 CNG Honda Civic GX; 4 Honda Civic HEVs
- City of Coventry – all Public Works Dept trucks and diesel powered equipment using B5 and B20 Biodiesel Blends
- Yellow Cab Co. of Bloomfield continues use of over 50 Honda Civic HEVs

State of Connecticut operating 4000 Vehicles, E-85 capable and 400 HEVs



Hybrid Honda Civic Yellow Taxi Cabs





Successful/Noteworthy Fueling Infrastructure Projects

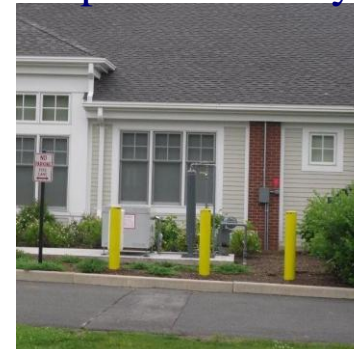
CNG

- Town of Glastonbury:
Station operational →

CNG Dispenser



Compressor & Dryer



Biodiesel

Town of Glastonbury, Fuel used to date:

85,456 gal B-5
98,926 gal B-20

- Town of Coventry, Fuel used to date:

17,200 gal B-5
8,500 gal B-20



Successful/Noteworthy Vehicle & Fueling Infrastructure Project

USDOE AFV Technology Pilot Proposal

Bradley Airport – Public Access 24/7 CNG Station

Bloomfield – Public Access 24/7 CNG Station (50 CNG Yellow Cabs)

Glastonbury – Restricted Access CNG Station (4 Shuttles; 12 LD Vehicles)

Proton Energy – Hydrogen Fuel Cell Station (12 HFC Vehicles)

In Progress

Hartford – Hydrogen fueling station to support 4 Fuel cell transit buses
being purchased by the State through DOT



Significant/Noteworthy Coalition Outreach Activities

- On Oct 3, 2008 the CT and RI Clean Cities had a very successful Advance the Choice event at the Holiday Inn in Norwich
- On April 22, 2009, we set up and manned a Clean Cities display on Earth Day at UCONN with an AFV display and handouts – 2000 students attended
- On various dates, made AFV presentations to town forums in Wallingford, Manchester and Darien.



Lessons Learned

- The Connecticut and Rhode Island CC partnered for our Advance the Choice event. By combining our \$\$ we were able to hold a large and very successful ATC event (150 attendees)
- Emphasize all the benefits – economic, environment, energy independence, in public presentations
- In spite of concerted efforts with legislative leaders to extend State AFV incentives, economic factors prevailed to defeat the effort.



Goals for 2009 & Beyond

- Continue to work with State and Municipalities to procure increased numbers of AFVs and HEVs and supporting infrastructure
- Add several new stakeholders to our coalition
- Increase public awareness through additional outreach and educational events
- Continue to work with State agencies and other organizations, including CCAT, to build a solid fueling infrastructure as a pathway to a Hydrogen Fuel Cell future.
- Promote wider use of CNG and Biodiesel fuels in the region through partnerships with municipal and private fleet managers and fuel providers.