2012 DOE Vehicle Technologies Program Review Presentation

Long Island Regional Energy Collaborative

“Promoting a Green Economy through Clean Transportation Alternatives”

Rita D. Ebert
Greater Long Island Clean Cities Coalition
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This presentation does not contain any proprietary, confidential or otherwise restricted information.
Overview
“Promoting a Green Economy through Clean Transportation Alternatives”

Timeline
Commence Project: December 31, 2009
Project Completion: December 31, 2013

Budget Breakdown
Federal Award - $14,994,183
Local Match - $21,414,689
Total - $36,408,872

Alternative Fuel Vehicles
135 Heavy Duty Compressed Natural Gas
11 Light Duty Compressed Natural Gas

Alternative Fueling Stations
5 Compressed Natural Gas

Total Diesel Fuel Displacement
1,633,389 Gallons

Potential Job Creation
604
Approach

Barriers

- Accessibility of alternative fuel vehicles and infrastructure equipment
- Economic Conditions - Ability of partners to complete projects
- Newly elected local administrations with different agendas caused some funding to be reallocated.

This delayed the completion of the Long Island Regional Energy Collaborative until June 2012
## Promoting Green Partnerships

### Prime Project Recipients

<table>
<thead>
<tr>
<th>Private</th>
<th>Public</th>
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</thead>
<tbody>
<tr>
<td>Engineered Energy Solutions</td>
<td>Town of Hempstead</td>
</tr>
<tr>
<td>National Grid</td>
<td>Town of Oyster Bay</td>
</tr>
<tr>
<td>V. Garofalo Carting, Inc</td>
<td>Village of East Rockaway</td>
</tr>
<tr>
<td>Rides Unlimited of Nassau/Suffolk</td>
<td>Town of Huntington</td>
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<tr>
<td>Family Residence Essential Enterprise</td>
<td>Suffolk County</td>
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<td>Town of Smithtown</td>
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</tbody>
</table>

### Private Project Partners

<table>
<thead>
<tr>
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<th>Public Project Partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greenfield Compressors</td>
<td>Cummins Westport</td>
</tr>
<tr>
<td>Dejana Truck &amp; Equipment</td>
<td>Baytech Corp.</td>
</tr>
<tr>
<td>Doering Equipment Co.</td>
<td>Baker Equipment</td>
</tr>
<tr>
<td>Long Island Freightliner</td>
<td>National Grid</td>
</tr>
<tr>
<td>McNeilus Corp.</td>
<td>ANGI Energy Systems, Inc.</td>
</tr>
<tr>
<td>Syosset Trucks</td>
<td>BAF</td>
</tr>
</tbody>
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Relevance
Long Island Regional Energy Collaborative

Objectives
- Expand the use of alternative fuel vehicles that will allow the low carbon vehicle industry to grow and expand throughout Long Island.
- Strengthen the Long Island alternative fuel corridor to give Long Island a competitive edge to support the transportation industry interests of moving toward a low carbon future.
- Promote Projects that are shovel ready to promote long term economic and environmental sustainability.
- Reduce dependence on foreign petroleum to advance the use of cleaner, secure and more sustainable fuels.
- Stimulate “Green” economic growth to create jobs for our local and national economy.
- Improve regional air quality in the Long Island non-attainment area of Nassau and Suffolk Counties.
- Promote long term economic and environmental sustainability through training, monitoring, education and outreach.
Building The Long Island Regional Energy Collaborative

- To help build a sustainable future, the Greater Long Island Clean Cities Coalition (GLICCC) developed a program entitled the Long Island Regional Energy Collaborative with a core mission of promoting a “green” economy through clean transportation alternatives.

- Through the Long Island Regional Energy Collaborative, GLICCC helped Long Island transform into a fuel independent, efficient and environmentally responsible region.

- With GLICCC’s excellent track record of carrying out successful alternative fuel programs through multiple public/private partnerships, the Coalition is confident the Long Island Regional Energy Collaborative will serve as an effective model to the state of New York and the rest of the country.
ARRA: A Unique Opportunity

Understanding the critical need to address today’s challenges that range from a failing economy, to dependence on foreign fossil fuels, and climate change, GLICCC views the American Recovery and Reinvestment Act (ARRA) as an essential step to improving Long Island’s and our Nation’s situation.
Technical Accomplishments and Progress

- Vehicles Status
  - 129 CNG Completed
  - 18 Ordered, awaiting Delivery

- Infrastructure Status
  - 4 CNG Fueling Station Completed
  - 1 CNG Under Construction - Final Stages

Jobs Created!!
Rides Unlimited of Nassau/Suffolk
Accomplishments

- 15 New CNG Buses
- 18 CNG Retrofitted Vans & Buses
- Transports 1400 Handicapped Students & Adults a day - Completed
Family Residence Essentials Enterprise (FREE) Accomplishments

- 15 CNG Retrofitted Vans
- 5 New CNG Buses
- Transports 2500 Handicapped Adults a day
- Sister Company – Rides Unlimited
- Completed
EES Accomplishments and Progress

- Engineered Energy Solutions (EES) CNG Station at Rides Unlimited of Nassau/Suffolk under construction – June 2012 Completion
EES Accomplishments

- Engineered Energy Solutions (EES) CNG Station at Middle Country School District - Completed - Open to public

EES & Congressman Tim Bishop Attended Grand Opening 2010
National Grid Accomplishments and Progress

- 10 CNG Retrofitted Vans - Completed
- 14 CNG Cab Trucks – Delivery June
Town of Oyster Bay Accomplishments and Progress

- Town of Oyster Bay CNG Station Completed - Open to public – Grand Opening Planned for Summer 2012
- Town of Oyster Bay CNG Vehicles – 35 retrofitted, 5 new-completed
- 6 New CNG vehicles - awaiting delivery
Suffolk County Accomplishments

- 3 CNG Heavy Duty Trucks - Completed
- CNG Station Westhampton Completed – Open to public
- CNG Station Commack Completed- Open to public
Town of Smithtown, Town of Huntington &
The Village of East Rockaway - Accomplishments

- Town of Smithtown
  1 New CNG 2012 Freightliner Roll Off Truck
  Completed

- Village of East Rockaway
  2 New CNG Recycling/Refuse Trucks
  Completed

- Town of Huntington
  2 New CNG Refuse Trucks
  4 CNG Retrofitted Refuse Trucks
  Completed
V. Garofalo & Sons Carting
Accomplishments and Progress

- 8 New CNG Refuse Trucks – Completed
- 2 New CNG Refuse Trucks – Awaiting Delivery
Future Work

- Remaining 18 Vehicles Deployed – June 2012
- Remaining CNG Fueling Station Completed & Operational – June 2012
- Complete Training Programs -2012-2013
- Initiate Outreach/Media Events -2012-2013
- Complete project reporting and documentation - 2013
- Compliance w/ Federal Auditing Requirements -2013
Project Summary

Relevance

- Stimulate “Green” economic growth to create jobs for our local and national economy.
- Expand the use of alternative fuel vehicles and infrastructure that will allow the low carbon vehicle industry to grow and expand throughout Long Island.
- Promote long term economic and environmental sustainability through training, monitoring, education and outreach.

Approach

- Contract execution, vehicle deployment, fueling station vendor selection/ permitting/construction, driver/mechanic training, fueling station commissioning, operations/project management/reporting

Planned Accomplishments

- 128 vehicles ordered and deployed during 2011 & remaining vehicles June 2012
- 4 fueling stations completed and operational prior to December 2011 & remaining station June 2012
- Training and educational outreach during period December 2009 thru December 2013

Collaborations

- With five private sector and six public sector prime project recipients including counties, towns, villages, private utility, carting company, and engineering firm as well as numerous private sector project partners.
Contact Information

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