



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



Centralina Clean Fuels Coalition

Recent Accomplishments & Future Goals

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2009 Clean Cities Eastern States Coordinator Peer Exchange
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Coalition Status and Sustainability

- Current Status
 - Co-Coordinator & Coordinator collectively = ~.75 FTE
- Membership Structure / Strategies
 - No dues, recruitment generally through introductions/mutually beneficial goals, strategic partnerships most often based around funding opps. or similar goals
- Steps to Become Self-Sustaining
 - Become relevant to stakeholders (a conduit for money for their activities); empower most passionate stakeholders; have by-laws in place that allow for dues structure—but only enact when no other choice exists

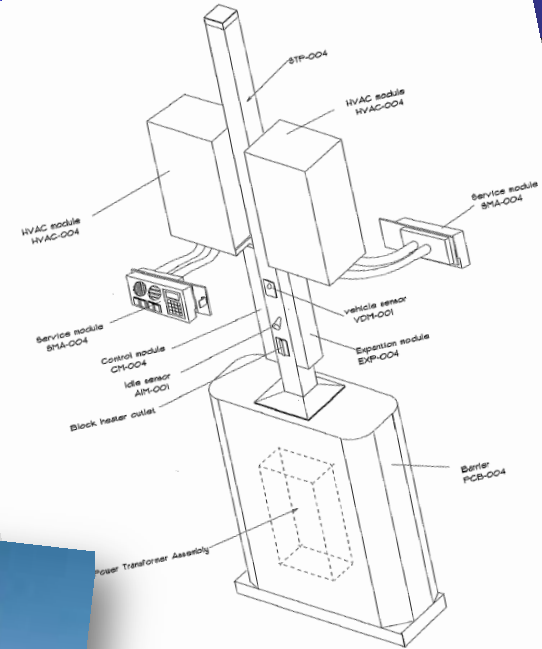
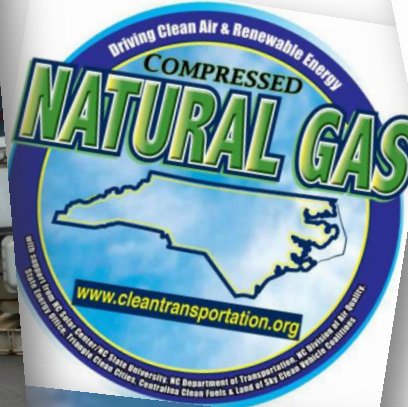


Significant/Noteworthy Projects & Activities

- Charlotte-Douglas Airport received \$40,000 to purchase two “series hybrid” electric buses (built in Charlotte, NC)
 - Avg. 6-10 mpg, depending on configuration, a 100% improvement over standard buses; 10,786 gallon annual petroleum reduction
- Piedmont Natural Gas received \$113,280 to purchase a dedicated CNG OEM dump truck & install fast-fill fueling
 - 90% reductions in PM & 50% NO_x reduction relative to comparable diesel engines
 - publicly accessible station
- Truck stop electrification, Rowan Co, NC (\$500k in grants³)



Significant/Noteworthy Projects & ...



CAB AIRE LLC
DUAL SERVICE TOWER ASSEMBLY
D&T-004

Service Tower
June 04, 2006
J&B





Lessons Learned

- Leveraged COG's streamlined approval processes and financial administration capabilities
 - Lead on 3 grant proposals for multi-partner projects in specialized area (trap grease)
 - Looking at 501(c)3 opportunities
- Biofuels infrastructure
 - Some unique issues out of our control
 - Other shortcomings, however, relate directly to uphill battle on issues of public perception, fuel quality, and unresolved regulations



Goals for 2009 & Beyond

- Vetting the development of Regional “Tiger Team” concept
- Electric Vehicles and Infrastructure (Ad hoc subcommittee to start)
 - Stakeholder emphasis
 - Significant vehicle/infrastructure industry presence emerging in region
 - Duke Energy
 - Project Get Ready
- Updated website!