

Centralina Clean Fuels Coalition

Since its inception the Centralina Clean Fuels Coalition (CCFC) has assisted many stakeholders with their alternative fuel or vehicle project in the Charlotte region. We currently have over 75 stakeholders and an advisory board consisting of 15 active members. The past year has been filled with success stories and reflects a growing interest and demand in alternative fuels in the region. Here are a few highlights:

Recent CCFC Success Stories:

- In response to growing concerns and confusion about ethanol, CCFC in partnership with the Centralina Economic Development Commission hosted an **Ethanol Roundtable** to discuss the challenges and opportunities of creating a sustainable ethanol industry in North Carolina. Over 60 people attended the event.
- Partnered with **UNC Charlotte's Environmental Assistance** program to provide seed funding for **biodiesel feedstock research** on waste products produced in North Carolina. The project has spurred further research collaborations on biofuels at the University, in addition to connecting the University to several CCFC stakeholders (both private and public) interested in the research.
- **Metrolina Biofuels**, a long-standing member of CCFC, recently opened the first publicly available **B99 pump** in Charlotte. The 500-gallon tank and pump were partially funded through the NC Solar Center's Clean Fuel Advanced Technology program. (See below). To view a growing database of local success stories, visit: http://www.4cleanfuels.com/success_stories.asp
- Provided **grant assistance** to many stakeholders. Recent grant recipients include: City of Monroe (Segway for police), Town of Stallings (Neighborhood Electric Vehicle - NEV), Mecklenburg County Parks and Recreation (NEVs), Rowan-Salisbury Schools and Union County Schools (diesel retrofits for buses)
- Along with Triangle CC, CCFC is a partner with **North Carolina Solar Center**, which was awarded \$1.6 million in federal CMAQ funds to develop a three-year **Clean Fuel Advanced Technology** (CFAT) Program. A primary purpose of the CFAT program is funding transportation related emission reduction projects in North Carolina non-attainment counties. With CCFC staff assistance, a total of **12 projects from the Charlotte region** received funding for air quality improvement projects under this program.

ETHANOL ROUNDTABLE

Building a Sustainable Ethanol Industry in North Carolina



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Quick Overview of 12 Months

Background

The Clean Cities Program began in 1993 with the creation of the Florida Gold Coast Clean Cities Coalition by Executive Order of the Governor and our subsequent Clean Cities designation by the U.S. Department of Energy (DOE). The Florida Gold Coast Clean Cities Coalition is a public/private advisory board composed of state legislators, local government representatives, federal and state agencies, and private sector representatives concerned with alternative fuel programs. The role of the Coalition is to provide a fuel neutral policy direction to maximize the use of vehicles operating on clean alternative fuels throughout the five county areas. Through this partnership with DOE's Clean Cities Program, the coalition of federal, state and local agencies, utilities, public interest groups, and public and private fleets promoted the use of alternatives to gasoline and diesel fuel in cars, trucks, and buses.

Covered Area

Clean Cities - Florida Gold Coast Clean Cities covers the 4 counties comprising Miami-Dade (Miami and Hialeah); Broward (Hollywood, Ft. Lauderdale, Sunrise, and Pompano Beach); Monroe (Key Largo and Key West); and Palm Beach County (West Palm, Boca Raton, and Delray Beach). Since there are only two coalitions in the State of Florida, the coalition receives calls from other parts of the State as well.

Actions

- ✓ Working with two emerging companies to expand the E-85 Fuel in South Florida resulting in the installation of 4 E-85 pumping facilities between Broward and Miami - Dade. A locally owned company U-GAS is the sole provider of E-85 gas stations in South Florida.
- ✓ Working with a CNG dispensing company to bring compressed CNG to families in South Florida.
- ✓ Worked with Broward County Transit to acquire 10 hybrid transit buses which are now being incorporated in their transit system.
- ✓ Worked with a trucking company to develop grant proposals for idling reduction of long haul trucks that are based in Florida.
- ✓ Developed language that is being embedded in Development Orders for Development Regional Impacts. This language once agreed upon, requires major developers to use alternative fuel vehicles as part of their development for lawn equipment, circulation buses, security fleet, etc. In addition, the Development Order requires the developer to pay towards improved traffic signalization software which will reduce the idling of regular personal and commercial vehicles at intersections and pay money towards Transit Oriented Development or related equipment for the Transit Agencies. The total cost to the developer is \$1 million. There are two other pending Development Orders in process with similar language.

Chairwoman: Patty Asseff

Coordinator: Larry Allen (lallen@sfrpc.com)

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The Commonwealth Clean Cities Partnership/Kentucky Clean Fuels Coalition has found this to be a year full of challenge and opportunity. For the same reasons many have seen – the slowing economy, high feedstock pricing, lack of incentives and stakeholder company cutbacks, we have had fight to make a difference this year in Kentucky. We look to upcoming projects and policies for growth."

1) World Equestrian Games – September 2010 – am serving on the Transportation Planning and Greening of the Games committees. Will be working directly with management for the event that will draw over 600,000 people to Kentucky for 16 days.

2) STAR 5.3 Strategic Toxic Air Reduction Stakeholder Group - Directive from EPA - assess the risk to human health and welfare from area, mobile, and non-road mobile sources.

To comply with Regulation 5.30, Louisville mayor created a formal stakeholder group known as the STAR 5.30 Stakeholder Group. Invited industry and academic experts, planners, health and environmental advocates, health professionals, business representatives, and citizens to be members of group.

In July 2007, almost a year to the day from the start of the process, the STAR 5.30 Stakeholder Group agreed on goals and strategies to reduce risk from toxic emissions in our community. The stakeholders identified several major sources of concern including dry cleaners, waste oil furnaces and diesel engines.

3) *Energizing Kentucky* – group that features all university presidents together with industry leaders to set the Energy Agenda for Kentucky. We were asked to address the first meeting and to work as partner.

4) Participant in the 1st Biofuels Corridor in America – E85 for I- 65. Kickoff first week of October.

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The ETCFC is housed within the **Institute for a Secure and Sustainable Environment** at the University of Tennessee at Knoxville.

Big Activities

- ▶ Trying to keep up with all our station activity – We have two grants we are directly responsible for and then we are also working to help stations that are receiving state funding... all this IN ADDITION TO those that are just opening pumps that we want to help. Although the total number of biodiesel stations has dropped (from a high of 25 to the current number of 14), E85 has gone from 2 total in East TN in 2007 to now 11, and more are coming. Keys on that front include:
 - staying in contact with the ~10 different fuel suppliers or C-store owners that are either opening pumps, working on a contract or looking at applying for funding; and
 - working with the owners to plan grand openings and discussing how they plan to keep getting the message out there that they have the fuel. Partnering activities can include press releases, station events, communication with local media (and local leaders in communities near those stations), helping them plan for appropriate signage on the pump, on the readerboard, or on the interstate. See the alt fuel station locations in East TN on our Website:
 < <http://eerc.ra.utk.edu/etcf/refuel.html> >
- ▶ The Great Biodiesel Recovery of 2008 – Big name for a simple task: get some of our biodiesel users that stopped using in late '07 or early '08 back to using biodiesel. This involves direct fleet contact to setup meetings to help them get questions answered to get back to using ANY blend.

Connected issue – pushing Nu-Energie, LLC and SunsOil in the community. We are working to connect our open biodiesel producer (Nu-Energie) and soon-to-be-open producer (SunsOil) to fleets in the region, and are beginning to have some success. We worked to open many doors to fleets to begin, then once that list got moving for Nu-Energie, they hired a marketing person and further solidified a relationship with one local fuel supplier that is really getting proactive about pushing biodiesel.
- ▶ 2008 Odyssey – Planning our 3rd Odyssey in Chattanooga (first two were in Knoxville and Kingsport, so working to hold one in each major district that's a part of our region). Succeeded in getting a partnership with the Chattanooga Green Committee as a key partner and they are helping to plan and setup the whole event. More information here:
 < <http://www.new.facebook.com/event.php?eid=25250971307&ref=ts> >
- ▶ 2009 Run for Clean Air – 2008 was the largest turnout ever for us with over 450 registering or attending the event! Event is held the 2nd Saturday of each April. Added separate walker registration in '08 and are trying to further develop registration by finding walker-type groups. Raised just over \$20,000 I believe gross on '08. 2008 site here:
 < <http://www.RunforCleanAir.org> >

Staff

- ▶ Patricia Weaver and Jennifer Lubke are our AmeriCorps members for 2008-2009. This is our 3rd year partnering with AmeriCorps locally; we had one member in year one, two members in year two, and this is year three. Their first responsibility is to manage our educational initiatives to regional K-12 school. Last year we focused primarily on just presentations to classes of any size, and reached almost 1,700 students total. This year we are aiming to best that number by adding two new education initiatives: **School-to-School Clean Fuels** and **Clean Fuel Schools**. Both of these are aimed at utilizing local students to help push more education in the community about alternative fuels and advanced vehicle technologies using two different methods.

< <http://eerc.ra.utk.edu/etcf/contact.html> >



2008 Founding Partners:





Clean Cities of Lower Alabama is a locally based, voluntary program designed to promote, accelerate and expand the use of alternative fuels in the transportation sector and develop the necessary infrastructure for the operation of alternative fuel vehicles (AFVs). CCOLA operates in conjunction with and under the guidance of the South Alabama Regional Planning Commission (SARPC) and thus qualifies as a 501(c)(3) tax-exempt entity. CCOLA also operates under the U.S. Department of Energy's Clean Cities Program, which is coordinated at the state level by the Alabama Department of Economic and Community Affairs (ADECA). CCOLA encourages local governments and organizations within Mobile, Baldwin and Escambia Counties to form public and private partnerships to develop markets for AFVs. Working through locally based government and industry partnerships, CCOLA works to expand the use of alternative fuels and in doing so to improve air quality, reduce dependence on foreign oil and promote economic activity from the use of domestic renewable resources.

During the 2007-2008 fiscal year, CCOLA partnered with the City of Saraland to earn the Alabama Department of Economic and Community Affairs: Energy, Weatherization and Technology Division's Biofuel Fleet Demonstration Grant. Through this grant, CCOLA has managed the introduction of biodiesel into the City of Saraland's on- and off-road fleet. The responsibilities of CCOLA are as follows:

- Managing the team which consisted of Rich Blow of Merritt Oil Company, Inc., Sgt. Steve Stafford, City of Saraland Environmental Enforcement Division, Warren Stephens, City of Saraland Public Works Department, and Bessie Bogan, South Alabama Regional Planning Commission Administrative Services.
- Educating Mayor Ken Williams and other city officials on biodiesel.
- Arranging the distribution of fuel for the selected diesel fleet.
- Purchasing fuel and a tank strictly for biodiesel usage.
- Tracking and funding the necessary maintenance of the selected diesel fleet.
- Monitoring fuel usage, equipment and vehicle performance, and fuel costs.
- Coordinating and conducting a Regional Workshop for area municipalities.
- Preparing Quarterly Reports to ADECA on the progress of the project.

The grant expires September 30, at which time we will finalize our research findings of the information received over the course of the grant. As a result of the Regional Workshop, which was held August 6, we have already begun meeting with other area municipalities who wish to follow in the green footsteps of the City of Saraland.

To discuss this project in more detail, please contact Keith V Fordham or Traci C. Gyan at 251-706-4651.



Alabama Clean Fuels Coalition (ACFC) is the principal coordinating point for Alternative Fuel (AF) and Alternative Fuel Vehicle (AFV) activities in Alabama. ACFC is a non-profit membership-based organization of federal, state, and local agencies, public interest groups, alternative fuel vehicle manufacturers and dealers, alternative fuel producers and distributors, and public/private fleets who work together in a coordinated effort to promote the purchase and use of Alternative Fuels and Alternative Fuel Vehicles to create a sustainable market in Alabama.

ACFC's primary goals are to expand both the use of vehicles powered by alternative fuels and the availability of AFV refueling infrastructure in the State. These expansions will increase domestic energy security, enhance economic development and improve air quality in Alabama.

ACFC has made significant strides toward creating a sustainable alternative fuels market in Alabama. Our members represent a wide array of concerns, commitments, missions and industries. The services ACFC offers to our members include the following:

- Developing and implementing alternative fuel infrastructure projects throughout the state
- Coordinating special events and educational workshops to promote public awareness of the need for alternative fuels, alternative fuel vehicles, petroleum displacement, and reduced emissions
- Developing and supporting public policies that encourage the development and utilization of alternative fuels and alternative fuel vehicles in Alabama. Participation in the Permanent Joint Legislative Committee on Energy
- Promoting use of alternative fuels/alternative fuel vehicles via the ACFC website and email newsletter
- Acting as a clearing house for Alternative Fuel/Alternative Fuel Vehicle information
- Promoting the use of Alternative Fuels and reduced idling strategies for Alabama's commercial, private and public fleets



Some of the recent and ongoing projects and activities of ACFC include:

- » September 2006 Presidential visit to City of Hoover E-85 fueling facility. Hoover has largest municipal law enforcement fleet (180 vehicles) in USA fueling with E85 and has driven over 9 million miles, using 666,807+ gal. of E85 resulting in 566,785+ fewer gallons of foreign oil being used in the City. Over 85% of Hoover Municipal vehicles operate on alternative fuels!
- » Governor Riley in June 2007, participated in Grand Opening of State Motor Pool E-85 refueling station in Montgomery
- » May 2007 Grand Opening of City of Birmingham B20 Biodiesel operation which serves 600 diesel vehicles- Birmingham currently receiving bids to add four E85 ethanol pumps at their refueling stations- will be completed in summer of 2008
- » ALDOT in 2007 began fueling with E-85 in Mobile Division. Today 7 Divisions are fueling with E-85. ALDOT has begun fueling diesel vehicles with biodiesel in all 9 Divisions.
- » I-65 Clean Corridor project is underway in Alabama on I-65 as part of joint effort with Indiana, Kentucky and Tennessee to provide public access to E85 and B20 biodiesel from the Great Lakes to the Gulf of Mexico. First grants awarded in Oct. 2007. Completion of infrastructure at stations and grand openings to be completed in Sept. 2008. A total of 7 E-85 and 8 B20 Biodiesel will open in Alabama along I-65.
- » July 2007 Grand Opening of Birmingham Jefferson County Transit Authority (BJCTA) CNG Public Access Fueling Station. The current 48 Birmingham Jefferson County Transit Authority (BJCTA) CNG transit buses have displaced over 900,000 gallons of foreign oil in the last 12 months.
- » Propane use in Gadsden and Birmingham mower fleets continues to reduce pollution and provide a cost effective fueling solution.
- » Currently there are 5 commercial biodiesel producers operating in Alabama
- » "Grease to Biodiesel" programs implemented in Hoover, Montgomery, Daphne, and Gadsden with additional startups slated around state
- » Tiger Transit at Auburn University began fueling with biodiesel in August 2007- City of Auburn's 250 diesel vehicle fleet now uses biodiesel.
- » June 2008 ACFC conducted five B20 biodiesel workshops with objective of increasing the use of soy biodiesel on Alabama's 8511 school buses
- » July 2008 ACFC conducted three successful educational biofuels workshops in Alabama to educate consumers & fleets on use of alternative fuels
- » In 2008 ACFC is providing infrastructure monies to convert pumps at up to 30 service stations along Alabama corridors X and V to provide B20 biodiesel to consumers and fleet operations
- » September 2008 – Gulf Coast Energy opens and produces ethanol at their first cellulosic ethanol demonstration plant in Livingston, Alabama.



The Land of Sky Clean Vehicles Coalition is seeking US Clean Cities designation for a 5 county area around Asheville, NC. We have an active Coalition working hard to promote all alternative fuels and advanced vehicle technologies.

We helped several stakeholders secure funding for their alt fuel projects including:

- Blue Ridge Biofuels for the installation of 5 new biodiesel pumps and our region's first 3 E-85 pumps (first E-85 pump installed in November 2007).
- Great Smoky Mountains National Park, Town of Montreat, Haywood Community College, Western Carolina University and Town of Black Mountain for electric vehicles (GEMs and E-Rides). The City of Asheville also secured a state grant for a CNG refuse truck.
- The Eastern Band of Cherokee Indians for 2 additional years funding for their biodiesel shuttle bus through the GSMN Park.



The City of Asheville is a leader in the use of CNG and we partnered with the City, NGV America, TransEco Energy and others to sponsor a major workshop on CNG Vehicles in March 2008. Over 125 participants learned about CNG vehicles and incentives and toured the TransEco conversion facility and public fueling station. We have assisted several stakeholders in exploring CNG vehicle use including the Biltmore Company, Town of Weaverville, City of Hendersonville, and Henderson and Haywood counties. We are currently helping these entities tap into various grant sources for their projects.

We continued our strong education and outreach program including booths and vehicle displays at many events including several Holiday parades. We also sponsored an Alt Fuels Forum in Fletcher and cosponsored a Biofuels Forum in Asheville.

Contact Bill Eaker (a.k.a. The Air Avenger) at:



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Coordinator: Kathy Boyer (kboyer@tjcog.org)

Who We Are

The Triangle Clean Cities Coalition officially represents a seven-county area in central North Carolina, but we work in, and have stakeholders from, several adjacent counties as well. We are housed at the Triangle J Council of Governments and funded through grants, most notably from the NC State Energy Office. We have close to 85 stakeholders. We instituted dues in 2004, but derive only a small part of our budget from that source. The coordinator is about 60% time on Clean Cities and our Energy and Environment Planner spends about 40% time on the program.

TCCC Activities in 2007-2008

- Helped coordinate the 2008 Energy Independence Days on March 3-4 in Washington, DC. 43 people from 23 states plus dozens of industry representatives participated in the two-day event, the highest number of participants ever for this event.
- Triangle Clean Cities met with energy, environment and agricultural legislative assistants for Senator Dole and Representatives Butterfield, Miller and Price to discuss the growing demand and industrial opportunities for alternative fuels and transportation technologies in North Carolina. As in past years, North Carolina's Congressional delegation was strongly supportive of the program.
- TCC partnered with the NC Solar Center at North Carolina State University and Centralina Clean Fuels Coalition partners to host the Mobile Clean Air Renewable (CARE) Symposium and Awards at the Proximity Hotel in Greensboro, North Carolina. The Symposium and Awards are part of the Clean Air Advanced Technology (CFAT) program run by the NC Solar Center, and allowed for a focused discussion on clean transportation projects, research and policies across North Carolina. The Mobile CARE awards honored individuals, product providers, fleets, and policy/organizational innovations that are advancing alternative fuel and transportation technology activities across the state.
- The City of Raleigh introduced the first plug-in hybrid electric vehicle (PHEV) to its motor fleet. This move was part of the City Council's unanimously endorsed goal of reducing fossil fuel consumption by 20 percent over the next five years. The Toyota Prius was purchased at a price of \$21,298 and converted at a cost of \$21,200 by TCCC stakeholders Advanced Vehicle Research Center and Advanced Energy.
- Our state's biodiesel industry got a boost earlier this year with the formation of the North Carolina Biodiesel Association (NCBA). The mission of the Association is to be "an industry-driven trade organization dedicated to increasing the demand for and capacity to produce local biodiesel fuels and serve as a resource for the development of a sustainable biodiesel industry in North Carolina." The founding members include Foothills BioEnergies, Evans Environmental Energies, Piedmont Biofuels, Kreido Biofuels, and Blue Ridge Biofuels.
- Triangle Clean Cities Coalition is working with the NC State Fair to provide alternative transportation and fuel displays for the 2008 NC State Fair exhibit entitled Green NC. The automotive part of the exhibit will display a variety of alternative transportation technologies and fuels including Duke Energy's plug-in hybrid electric Toyota Prius, an INDY racecar from the Biofuels Center of North Carolina, the NC Solar Center's 1974 Triumph electric vehicle and others including a biodiesel production display from Wake Technical Community College.

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www.trianglecleancities.org



Big Sky Resort, September 16-18, 2008

Florida Space Coast Clean Cities Coalition

Florida Space Coast Clean Cities Coalition (SC3) is one of two coalitions in Florida. SC3 is a non-profit corporation that covers 9 counties in east central Florida with a Board of Directors and a part-time coordinator. The coalition has over 60 dues paying members and meets quarterly at different sites throughout the area and maintains a web site at www.clean-cities.org.

The Coalition has supported members with 3 AFV grants and has won 1 grant. Also, supported 5 fueling station projects.

The coalition supports a Alternative Energy and Hybrid Electric Vehicle college credit course (EST 1820) at Brevard Community College.

The Coalition is providing AFV information to the Florida Energy Commission, Florida Climate and Energy Office, Florida Department of Transportation and Florida Department of Environmental Protection, and local Metropolitan Planning Councils, and Vehicle (PHEV/EV+) Electrification Program..

Conducting the SunDay Challenge Alternative Fuel Vehicle Rally and Workshop on October 5-8 at the Florida Solar Energy Center with info at www.sundaychallenge.org. At the same time, conducted the NAFTA AFV Odyssey Day DOE Advancing the Choice workshop on Hybrid Electric Vehicles..

Presented at the Florida Government Fleet Association annual conference in September on Biodiesel Implementation.

Presented at 2 local area Senior Citizens Brown Bag Library seminars on AFVs.

Conducted a seminar with the National Education Foundation and Florida Solar Energy Center on AFV technologies.

Participating member of Transportation Clean Air Team of the Metro-plan Regional Planning Council for central Florida and Southeast Diesel Collaborative with the U.S. EPA.

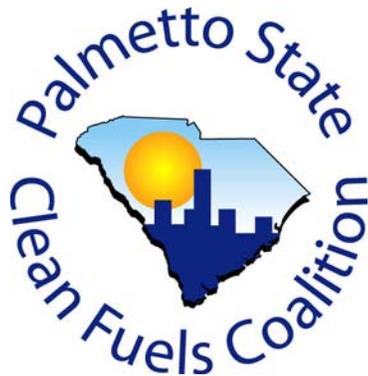
Participating member of Florida Renewable Energy Association, a chapter of American Solar Energy Society as transportation committee chair.

Participating member of Circle of Science Coalition of Brevard County to promote AFVs in the schools and provide awards to Science Fair projects with topics on AFV's.

Submitted article to Southeast Forward Fuels Fix newsletter.

Interviewed on the radio and TV shows WFOX 35, WMFE 24, and WKCF 31.

Provide access to Carbon Angle on our web site for carbon credits.



Palmetto State Clean Fuels Coalition On the Road to Cleaner Fuels

The Palmetto State Clean Fuels Coalition (PSCFC) received official US Department of Energy (DOE) Clean Cities designation in 2003 with the assistance of the Catawba Council of Governments (COG) and the South Carolina Energy Office (SCEO). The PSCFC was coordinated by Wendy Bell at the Catawba COG until April 2008, when she decided to step down from this role. The SCEO now supports the PSCFC through staff person

Erika Hartwig, its alternative fuels and renewable energy coordinator. Wendy Bell will continue to serve in an advisory role to the PSCFC and will continue work on two grants for alternative fuel infrastructure and anti-idling programs that were awarded during her tenure.

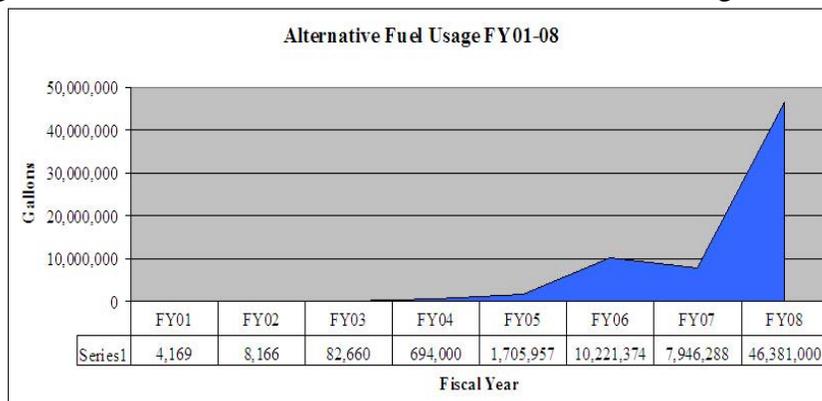
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In an effort to streamline efforts PSCFC will operate as a committee under the umbrella of a similar organization, the South Carolina Biomass Council (SCBC). The SCBC was created in April 2006 to advance biomass energy

objectives in the state. Realizing that PSCFC encompasses many other fuels and technologies besides ethanol and biodiesel, the SCEO will continue to promote those alternatives through separate activities.

Alternative Fuel Infrastructure & Use in South Carolina

South Carolina is a leader in publicly-accessible E85 and biodiesel pumps thanks to the efforts of the PSCFC. As of August 2008, South Carolina has 71 publicly-accessible E85 refueling stations, and 54 biodiesel stations (ranging in blends from B5 to B99). Between July 2007 and June 2008 approximately 43 million gallons of ethanol and 1.5 million gallons of biodiesel were sold in South Carolina – the largest quantity by far since alternative fuel tracking began in July 2000. This represented 1.5% of the total quantity of motor fuel sold in South Carolina during this period. Biodiesel use increased due to a new state mandate that requires all state-owned pumps to contain at least B5. State biodiesel use will continue to increase as the SC Department of Education meets a state goal of B20 use in the entire school bus fleet.



New Incentives for Ethanol and Biodiesel Generate Interest

Despite the difficulties the biodiesel and ethanol industry is facing due to high feedstock prices, there is continued interest by investors to develop projects in South Carolina. This is mostly due to attractive state incentives developed in part by the PSCFC. Incentives include a 25 percent income tax credit for qualified ethanol and biodiesel infrastructure, an income tax credit worth \$0.20 per gallon for ethanol from corn and biodiesel made from soy and \$0.30 for non-corn based ethanol and non-soy based biodiesel. Additionally, the SC Department of Agriculture offers free biofuel testing to registered in-state producers. To date, South Carolina has over 35 million gallons of installed capacity at three biodiesel facilities: Carolina Biofuels in Taylors, Southeast Biodiesel in North Charleston, and Ecofy Biofuels in Estill. At least three other biodiesel companies and two ethanol companies have announced plans to build in the state as well.



The Power of the Partnership

Middle Georgia Clean Cities Coalition

Since its inception the Middle Georgia Clean Cities Coalition (MGCCC) has worked in partnership with our stakeholders to advance a variety of alternative fuel project in Georgia. This past year has been filled with many successes and reflected a growing need for a stronger Clean Cities presence. With the additions of our satellite offices, we are meeting those needs. Here are just a few examples of the hard work of our stakeholders:

North Georgia (satellite office)



In partnership with the Coosa Valley RDC and Appalachian Regional Commission, The North Georgia division hosted the ARC Conference in Rome in January. Over 400 people came to learn more about moving our area forward in the biofuels market. We also hosted a session with Al Ebron from NAFTC to help facilitate the opening of a training center in Georgia.

We are hosting the first Used Cooking Oil to Biodiesel Workshop in partnership with the Coosa Valley RDC on September 8, 2008. Also thank you Alabama Clean Fuels Coalition!

Worked with Georgia Environmental Facilities Authority on promoting the state E-85 grant program. Initially over 20 public stations were funded during the first round. More to come...

North Georgia Clean Cities Coalition was awarded a \$75,000 ARC grant. Thank you Congressman Phil Gingrey for your support!

Middle Georgia



In partnership with Robins Air Force Base – Middle Georgia has hydrogen!!! We debuted our hydrogen forklift project during the 3rd Annual Drive Clean and Green Across Georgia in August.

Also in partnership with the Base and the City of Macon, Middle Georgia will host a demonstration project with a Mack/ Volvo Hybrid refuse truck. Middle Georgia Clean Cities will be in charge of project management, public education programs as well as data collection.

Middle Georgia Clean Cities was awarded \$350,000 for an E85 infrastructure grants program. Thanks you Congressman Jim Marshall. As well we have completed the multi-state SEBI grants program. (This grant allowed the first E85 station in the state of Georgia – Thank you Davis Oil)

Participated in the Association for Commuter Transportation Conference in Atlanta Georgia. I was the national awards co chair for this year. Another example of how Clean Cities can bridge the gap when it comes to smarter transportation choices.

Hosted the first statewide Propane Webinar in partnership with the Propane Education and Research Council. Thank you Greg, Brian and the entire PERC team.

South Georgia (satellite office)



The South Georgia representatives were on the Southeast Bioenergy Conference planning committee for the third year. We also hosted a well-attended panel.

We opened the first E85 station in South Georgia in partnership with Woodland Oil Company. With GEFA and DOE assistance, we will see an increase in the number of public stations in South Georgia.

Meet with President Jimmy Carter and Alterra Bioenergy in support of a biodiesel production facility in South Georgia.

Currently working on a student alternative fuels outreach program with a local college. More details to come.....

More information contact Charise Stephens
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Clean Cities of Middle Tennessee

Highlights and Success Stories, 2008

Dave Pelton, Executive Director, Tim Schnippert, Assistant Coordinator

8th Birthday: Thank you to our stakeholders who have kept us going! While CCMT was designated four years ago, we first organized in 2000 with the support of local business leaders. In 2001 a very successful partnership was developed with the State Energy Office. This led to grants for implementing alternative fuel initiatives that built a solid foundation. Today that partnership has grown with additional corporate stakeholders and the Governor's Alternative Fuel Task Force.

E85 for I-65: CCMT and its stakeholders are principle participants for this project and part of the original team to conceive the idea. October is a big month for the corridor. Events are planned across the four states including a great event just outside Nashville.

"Green Islands" hit high profile locations. A continuing partnership between the Governor's office, local fuel providers and Clean Cities of Middle Tennessee is helping bring alt fuels to the mainstream public. The site pictured is across from a Whole Foods, trendy restaurants and a popular shopping mall. Note: it is under the canopy!



Statewide News Letter: Middle, East and West Tennessee Clean Cities coalitions contribute to make a high quality, highly effective quarterly newsletter. Thanks to Jonathan Overly for being the editor and thanks to the Governor's Task Force on Alternative Fuels for funding.

Mayor's Green Ribbon Committee: CCMT Director, Dave Pelton, serves on Mayor Dean's Green Ribbon Committee. The Committee is tasked with making Nashville the most environmentally friendly and ecologically sustainable city in the south. The group is made up of business, government and NGO executives hand picked by the Mayor to offer a diverse range of professional backgrounds.

Tri-Star Energy E85 rack and rail spur. Tri-Star installed a new rail spur capable of holding up to 30 rail cars full of biofuels. The most immediate demand is for ethanol. Biodiesel is also within the capacity of the new rack, which allows any fuel provider to mix any blend desired.



Clean Air News Network and the "Air Care" television show continue to run weekly programs that include segments on alternative fuels. The show is beginning syndication into other markets. Contact Dave Pelton if you would like the show to come to your community and highlight your activities.



Governor's Ethanol Coalition Partnership with GM. In its fourth year, CCMT continues to partner with state and local agencies, NGO's and corporations to promote FlexFuel vehicles at car shows, conferences, workshops and other events. The Tennessee Tahoe is available for events across the southeast region.

Clean Cities – Atlanta

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Ethanol Makes a Big Splash In Atlanta!

Flexible Fuel Vehicle (FFV) drivers in the Atlanta area have a lot to be happy about these days—11 new E85 retail fueling locations opened in the area in early June! As you may recall, Clean Cities-Atlanta joined in celebrating the opening of the first retail E85 station in Smyrna in November of last year. Now just seven short months later, there are a dozen retail stations in the region, and several more are on the way.

CleanFuel Distribution and EPIC (the Ethanol Promotion and Information Council) marked the openings by sponsoring E85 Pump Promotions on June 2-3, 2008 at all 12 stations. Included in the activities was special \$1.85 per gallon pricing of E85 for two-hours on the day of the station promotion. CleanFuel Distribution and EPIC kicked-off the two days of promotions with a press conference at the SAFE Express BP on Grayson Highway in Lawrenceville on June 2. Terry Coleman with the Georgia Department of Agriculture, Bob Cucchi with the Lieutenant Governor's Office, Jill Stuckey with the Georgia Energy Innovation Center, and Mayor Rex Millsap from the City of Lawrenceville all joined in the festivities and spoke about what it meant for not only Atlanta, but the State of Georgia to see so many retail E85 stations open in the span of just two days.

Many of the new stations received grant funding from the Georgia Environmental Facilities Authority (GEFA) to help offset the costs associated with the E85 fueling infrastructure. The funding was available through the E85 Retail Infrastructure Grant program, a competitive grant opportunity that assists retail gasoline stations in Georgia with installing, replacing, and/or converting motor fuel storage equipment to facilitate storing and dispensing E85 for retail sale.

In February, GEFA announced that \$282,968 in E85 Retail Infrastructure Grants were awarded to 21 fuel stations throughout the state. A total of \$400,000 was available for the E85 grant program. GEFA will use the remaining \$117,032 grant funds for future projects. The application process will reopen later this year on a rolling basis, with a particular focus on areas of the state that are currently underserved and were not represented in the first round of applications. These areas of interest include the Interstate-75 corridor north of Marietta, Interstate-95 corridor, Northeast Georgia (including the Athens-Clarke and Augusta-Richmond regions) and other areas of the state with little or no existing E85 retail infrastructure. For more information about the E85 Retail Infrastructure Program visit:
<http://www.gefa.org/Index.aspx?page=371>

Virginia Clean Cities

SEPTEMBER 2008

RECENT ACCOMPLISHMENTS

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VCC received a \$200,000 grant from DOE for a VA-MD-DC Hydrogen Education for Decision Makers Project. The goal of the 2 year project is to increase a targeted audience's understanding of hydrogen and fuel cells, including early market applications, and to provide specific examples of actions that the targeted audience – state and local government leaders – can take to support the development and use of hydrogen and fuel cell technology. A dozen in-person workshops, video resources produced by and broadcast on the MotorWeek public television series, a website, podcasts, webcasts and "new media" will all help to carry the message.

- A Clean School Bus USA grant is providing funding to Middle Peninsula schools for a biodiesel buy-down program, a propane school bus demonstration, a diesel oxidation catalyst retrofit program and an anti-idling program.
- National Biodiesel Foundation funding was used to host biodiesel fuel quality seminars throughout the Commonwealth to advance education on biodiesel quality issues.
- A DOE award is providing funds for E85 dispensers along the I-95, I-64 Crescent Corridor that traverses Virginia, Maryland and D.C. in order to make the alternative fuel available to an estimated 15,000 public and private FFVs.
- Virginia Clean Cities worked with the Middle Peninsula Planning District Commission to explore ways in which use and possible production of biodiesel could help preserve the Dragon Run, a sensitive watershed and the farmland that surrounds it in a four-county region.
- Assisted James City County in developing a petroleum reduction resolution and action plan that is leading JCC to the reduction of petroleum use by twenty percent by 2010.
- DOE funding helped offset the incremental cost of 4 CNG school buses for Virginia Beach Public Schools, 3 CNG school buses and refueling infrastructure for Charlottesville Public Schools, 4 CNG school buses for Arlington County Public Schools, and 7 CNG transit buses and refueling infrastructure for National Airport.
 - Southern States Energy Board funds were used for 4 workshops to increase awareness of biodiesel as a viable alternative fuel that can be produced on a small-scale and take advantage of a community's local resources. The workshops focused on small-scale biodiesel production challenges (safety, quality & permitting).
 - VCC coordinates the Virginia Hydrogen Economy Roundtable, representing participants from over 30 organizations, whose purpose is to determine the potential role for hydrogen systems in Virginia's energy future. Completed work on the on "Virginia's Vision and Strategy for the Hydrogen Economy" and are now working on implementing the recommendations.
 - Virginia Clean Cities' AFV Day Odyssey event was chosen as the national kickoff site for 2006.
- Secured funding for B20 pilot projects for Arlington, Northumberland & Westmoreland Counties, and Sysco.
- Secured funds from the State Energy Division for three parallel projects involving James Madison University, Virginia Tech and a farm in Caroline County to evaluate small-scale biodiesel production feasibility and safety.
- Secured funds from the Department of Environmental Quality for Virginia schools diesel retrofit program.
- Assisted Colonial Williamsburg in developing their CNG transit bus program, which now includes 27 CNG buses.
- Find more about our projects on our website: www.hrccc.org

Virginia Clean Cities worked with the East Tennessee Clean Fuels Coalition to create and publish the *Southeast Forward Fuels Fix*, a quarterly publication of the southeast DOE region Clean Cities coordinators.



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