

NC Alternative Fuels Consortium Meeting
June 30, 2009 10:00-12:00
State Energy Office
1830A Tillery Place, Raleigh, NC

Meeting Summary

In attendance: Larry Shirley & Cynthia Moseley, SEO; Larry Lane, UNC-Charlotte; Tim Brooks, NC Dept of Corrections; David Bazemore & David Witherspoon, NCSHP; Jerry O’Keeffe & Lee McElrath, PSNC Energy; Joe O’Neill, Chelsea Conover & Anne Tazewell, NCSC/NCSU; Bruce Thompson, NCDOT; Grant Braley, P&C; Todd Eaton, Altech-Eco Corp; Kathy Boyer, Triangle Clean Cities; Craig Warren, NCDPI; Stephen Benjamin, NCDA&CS; Bill Eaker, Chris Dobbins, Hannah Doyle, Land of Sky Clean Vehicle Coalition. 20 total

State Energy Program Stimulus Funding and SEO Move , *Larry Shirley, SEO*

A Bill, [HB1481](#), is making its way through the Legislature that will move the SEO from the Dept of Administration to the Dept of Commerce. The U.S DOE has approved NC plans for over \$75 million in ARRA(aka Stimulus) funding to be distributed through 6 broad category areas. The State Energy Office is working closely with the Governor’s Office and the [Office of Economic Recovery and Investment](#) on administering the ARRA State Energy Program funds. In the *Fostering Renewable Energy Technology and Resource Innovation* category, up to \$3.5M has been designated for an Alternative Fuels and Renewable Energy Innovations program. A request for proposals (RFP) is expected in the next 30 days (beginning of August) with a 30-45 day application period. Both public and private entities are eligible to apply for a maximum award of \$200,000. Areas of interest for this RFP include but are not limited to alternative fuel vehicles (AFVs), refueling infrastructure and activity centers (projects that include a strategy to concentrate vehicles in activity centers that maximize plug in infrastructure). A 50% cost share will be required for infrastructure and up to 25% of the incremental costs of eligible AFVs will be covered. Cynthia Moseley is the program manager for this RFP . Presentation at <http://www.engr.ncsu.edu/ncsc/transportation/meetings.htm> under Alt Fuels Consortium.

EPAct Credit Banking & Selling Work Program: *Anne Tazewell, NCSC/NCSU*

On April 8th the Credit Selling Working Group (CSW Group) met to discuss the distribution of \$429,380 accrued to the Alternative Fuel Revolving Fund through the sale of excess EPAct credits generated through the use of E85 and B20 by MFM and DOT. DOT has requested \$214,690 from the AFRF to develop 2 E85 refueling sites in Marion and Asheboro. MFM is interested in partnering with the private sector to provide E85 at commercial service stations and may consider using AFRF for this purpose.

DOT E85 plans *Bruce Thompson, NCDOT*

DOT has just about completed construction of an E85 station in Greenville. The site already has E85 in the ground and is just awaiting the installation of a dispenser. DOT has sent a letter to the chancellor of ECU asking that they encourage use of this station MFM has 164 E85 compatible FFVs assigned to the Greenville area. In addition to this station and the planned stations in Marion and Asheboro DOT is being awarded \$200,000 from an internal proposal to develop 2 E85 refueling sites in Charlotte and Hillsborough. At a meeting held June 26th between DOT Board member Nina Slozberg and Secretary’s Cobb and Conti it was reconfirmed that DOT will issue a bid for the 4 E85 stations to be constructed by Jan 2010. Further, DOT will evaluate 20 additional sites for E85. However, it was stressed that the success of DOT E85 fueling sites depends on support from MFM as MFM has the lion’s share of E85 vehicles in the state fleet.

The NC Alternative Fuels Consortium is sponsored by the State Energy Office and supported by the NC Solar Center as a forum for state government and other parties interested in expanding the use of alternative fuels. Meetings are held quarterly. For more information contact: cleantransportation@ncsu.edu

2008-09 Petroleum Displacement Plan reporting *Joe O'Neil, NCSC/NCSU*

The 2008-09 FY reporting template has been distributed to the 38 state agency contacts participating in the state fleet PDP effort. When all reports were totaled for Fiscal 2007-08 the PDP participants had reduced petroleum use by 8.68% since 2004-05. We are more than halfway toward the goal of 17.5% total reduction. Previous adjustments (based on increased student population, increased square footage of campus buildings, increased faculty/ staff to accommodate growth) had been causing confusion when all reports were totaled to complete the annual PDP report. For that reason new methodology was applied to last year's report. Adjustments for growth are now incorporated in Baseline. Progress reports for 2008-09 PDP activities are due to Joe O'Neill on July 31. Currently the PDP expires on Jan 1, 2010. However, an amendment introduced by Rep Pricey Harrison which was included in the House budget extends the PDP to June 30 2011.

NC Alt Fuel Related Legislative Update *Anne Tazewell, NCSC/NCSU*

See attached summary handout

Natural gas vehicles presentation *Todd Eaton, Altech Eco*

Altech Eco is a NC based company in Arden that employs 15. They are an EPA certified up-fitter of CNG vehicles including the bifuel (can operate on CNG and gasoline having 2 separate fueling systems) Ford Focus. Shortly they expect EPA certification for the Ford Transit Connect (utility mini van) and the Ford F series pickup trucks. These conversions can be done by any fleet's in house mechanics in 4-5 hours with complete instruction provided by DVDs developed by Altech-Eco. Average conversion is from \$10,000-\$12,000. There is pending federal legislation, the 2009 Fueling America Act, which will extend and increase existing tax credits for AFVs (including natural gas and propane) so that most of the incremental costs of an AFV will be covered.

See presentation at <http://www.engr.ncsu.edu/ncsc/transportation/meetings.htm>

Natural Gas refueling presentation, *Jerry O'Keefe and Lee McElrath, PSNC Energy*

PSNC has 7 natural gas (NG) fueling sites in its region. Of these it operates 3 stations- 2 in Raleigh (although one is not working currently) and 1 in Gastonia. Most of the CNG infrastructure is up to 15 years old and needs upgrading. PSNC partnered with the Triangle Clean Cities coalition on a \$14.9 M grant proposal submitted to the U.S. DOE by Triangle J Council of Governments. Funding from this grant proposal would go to upgrading Raleigh stations and building new stations in Durham, Statesville and Asheville areas. As a transportation fuel NG is very clean burning and consistently tracks less in cost than petroleum and diesel. For example the Summer 2009 rate per gasoline gallon equivalent(gge) for CNG ranges from \$1.15 to \$.90 per gge (excluding taxes)

Announcements, next meeting date

The next meeting of the NC Alt Fuels Consortium will be Sept 29 10-12

July 23, 2009 ~ Triangle Clean Cities Meeting, TJCOG RTP contact Kathy Boyer (919) 558-9400

July 28, 2009 ~ Electric Transportation, Charting a Course RTI MCNC campus, contact Anne Tazewell (919) 513-7831 more info visit events at www.cleantransportation.org

August 26 ~ Propane Road Show, NC Fairgrounds, Raleigh Jayne Simpkins, NCPA (919) 787-8485; Kathy Boyer

Oct 2-4 ~ SE Southern Electric Vehicle Expo . Contact bill@landofsky.org

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