

MEETING NOTES

EAST TENNESSEE CLEAN FUELS COALITION 19th Stakeholders Meeting ~ November 13, 2003

Where: UTK Conference Center Building in downtown Knoxville

When: 11am to 1:20pm

Lunch: Provided by Lunchbox and paid for by coalition; sponsorship unsure.

Attending (total of 19 people)

Ed Baldwin – Fun Buggies

John Mark Bardsfield – Hydrocore

Ted Buel – GT Designs, Inc.

Teresa Cantrell – Great Smoky Mountains National Park (GSMNP)

Mike Conger – Transportation Planning Organization

David Deputy – AmeriGas Propane

David Doane – Energy, Environment and Resources Center (EERC)

Gina Dockery – Metropolitan Knoxville Airport Authority (MKAA)

Bryon Fortner – City of Sevierville

Barry Greenberg – Knoxville Area Transit (KAT)

Teresa Guy – AmeriGas Propane

Bob Jackson – Rindt-McDuff Engineers

David Jones – MKAA

Dejim Lowe – TVA

Wolf Naegeli – Foundation for Global Sustainability / 9 Counties. 1 Vision.

Jonathan Overly – Ex. Dir., ETCFC

Buddy Parton – City of Gatlinburg

Jerry Sanders – Advanced Transportation Technology Institute (ATTI)

Mark Schotters – GSMNP

Other participant information:

A total of 1 new person (☼) attended this meeting.

Thus far, a total of **134 different people** have participated in the 19 meetings, representing **70 different companies and organizations**.

Meeting Content

1. ETCFC Executive Committee (EC) met at 10:15am. In attendance were John Mark, Teresa C., David Doane, Dejim, Jonathan, Jerry. Also, Kirsten Oswald (Fall '03 intern) joined us to listen in on the discussion. Jonathan provided background information on recent activities to start the EC discussion. AFVs & Infrastructure has selected a plan for discussing and focusing on one alt fuel for 1-2 months and November is biodiesel, which is an excellent topical choice since biodiesel is a hot topic anyway. The Education & Marketing discussion was set-off by Jerry's making a list of items for the group to discuss that directly fed into that WC's goals and objectives from the Program Plan (perfect!). The Hydrogen Economy discussion was started off by John Mark who noted some topical information (Governor Schwarzenegger and his fuel cell Hummer and fuel cell expansion in California). The HE WC also had several items from their last meeting to follow-up on. Adjourned the EC meeting at about 11am.
2. Called full meeting to order at 11:15am.
3. Briefly described outline for the day and discussed the documents that were provided to the group (see the 19th Meeting Agenda on the Web site - www.etcfc.org under "Documents," which includes a list of what information was handed out).
4. Noted the dates and locations for the next 5 months meetings – through April 2004 (see the agenda). Discussed whether to begin using the CCB more or keep with the Copper Cellar. Folks liked the CCB and elected to choose it, however we may still need to use the Copper Cellar on occasion to simplify any of one or more issues (e.g., in December Barry wants to bring a hybrid bus to show off and parking will be much easier there than at the CCB).

5. Some Sevier County folks won't be available to come to the Biodiesel Interest Meeting in Maryville. Bryon noted that since they will all be together in Memphis at the state transportation meeting, perhaps biodiesel and the state helping with a cost offset should be mentioned there?
6. See agenda for the rest of the main information that was discussed that day.

Meeting Notes submitted by Jonathan Overly.

Working Committee Notes

AFVs & Infrastructure WC Notes

(received 11/14/03)

Attendees:

Ed Baldwin – Fun Buggies
 Bryon Fortner – City of Sevierville
 Barry Greenberg – Knoxville Area Transit (KAT)
 Bob Jackson – Rindt-McDuff Engineers
 Dejim Lowe – TVA
 Jonathan Overly – Ex. Dir., ETCFC
 Buddy Parton – City of Gatlinburg
 Mark Schotters – GSMNP

[From a previous discussion, AFVs & Infra. decided they wanted to focus on one fuel a month for a little while and see how that worked in achieving results. November was chosen for biodiesel, so today's discussion focused on biodiesel. In addition, due to the way the discussion went, the group expressed interest in continuing next month's discussion on biodiesel (sounds like a great idea—might need several meetings for any individual fuel to really get into the topic). Thus, monthly schedule might need to be pushed back. New schedule would then be

- November & December - Biodiesel
- January - Ethanol
- February - CNG
- March - Propane
- April - Electric
- May - Hybrids - all fuel type combinations

Biodiesel:

- ▶ How do we get people to try biodiesel (public and private)? Demo and ETCFC owned vehicle
- ▶ Jonathan on biodiesel info (in Nashville); Rick (Asheville)
- ▶ Feedstock support for biodiesel in a local facility: yellow grease – restaurants; virgin (soybeans) – West TN.
- ▶ National Biodiesel Board won award for \$770k/yr for 5 years for education and outreach activities; How do we access these funds?
- ▶ Biodiesel workshop in Blount County - where is facility?
- ▶ Kelly Vaughn – city (Knoxville) on biodiesel applications
- ▶ Propane install at KAT shuttles – to be done onsite
- ▶ Pioneer – biodiesel manufacturer in Blount County?
- ▶ How the biodiesel is manufactured, specifications; warranted by manufacturer
- ▶ ID biodiesel applications in the region – partnerships
- ▶ Fuel temp and use of biodiesel needs to be monitored for engine performance
- ▶ Blount County vs. other counties; economic development key factor
- ▶ Sevier County is discussing a potential plant with Michelle Henderson via McNutt Oil
- ▶ Warranty – based on the motor manufacturer
- ▶ Virgin-based product produces more NOx yellow grease
- ▶ Storage tank cleanliness is issue for biodiesel
- ▶ Follow/pursue the location of the biodiesel facilities coming to TN
- ▶ ID biodiesel potentials

- ▶ Determine specifics of biodiesel manufacture
- ▶ Additive issues
- ▶ Sevier & Blount county focus applications
- ▶ KAT & city of Knoxville applications
- ▶ Others – who are these organizations?

AFVs & Infrastructure WC notes taken and submitted by Dejim Lowe.

Education & Marketing WC Notes

(received 11/13/03)

Attendees:

Ted Buel – GT Designs, Inc.

Teresa Cantrell – GSMNP

Mike Conger – Transportation Planning Organization

David Doane – EERC

Gina Dockery – MCAA

Teresa Guy – AmeriGas Propane

David Jones – MCAA

Wolf Naegeli – Foundation for Global Sustainability / 9 Counties. 1 Vision.

Jerry Sanders – ATTI

Developing Relationships +/-or Recruit New Members:

- ▶ Each member of E&M WC email info to those we know
- ▶ Smaller focus, but better follow-up
- ▶ Jerry is considering organizations such as ALA and Blue Cross/Blue Shield, etc.; we need to expand these efforts in Knoxville area
- ▶ Finalize design of bumper stickers – possible alternative of static cling window sticker; David suggested using magnetic strips on back of bumpers. Motion was made by Ted to accept bumper sticker, Teresa seconded. Will try to get bumper stickers printed by next meeting.
- ▶ Other advertising currently – Channel 8 between 12-6 am; WVTC – Jerry to contact; David to check on Comcast Cable; Gina to check on spots at the Airport; Ted will work on News-Sentinel; TG will check with City View for rates or possible story.
- ▶ ETCFC will offer speakers to clubs or organizations to help get word out
- ▶ Would be interested in having brochures inserted with other mailings
- ▶ Our next brochure should have additional panel to return if interested in more info
- ▶ 4/2/04 – National AFVs on display (“National AFV Day Odyssey”). Hoping to get TV; perhaps Ijams would be a good place
- ▶ Earth Day – 4/24/03
- ▶ We could work on success stories on members. What has been accomplished? Show companies that are building up their AFV fleets. For example KAT and Mark’s work with biodiesel; cities of Pigeon Forge and Sevierville.
- ▶ New initiative suggested – Greenways Coalition has started a 5K run. Contact Knoxville Track Club to tie in with Earth Day – Ted will check. [Another idea – begin new monthly or quarterly get-together for hybrid/alt fuel owners, an ETCFC club if you will, that offers an opportunity for sharing information and ideas that could help the club become a force for private ownership of AFVs (non-fleet focus).]
- ▶ Will discuss Newsletter when Mark is present
- ▶ Will speak to groups of 15-20 people
- ▶ David will check on Powerpoint availability for more speakers; to free Jonathan’s time
- ▶ Check with your organization about funding

Education & Marketing WC notes taken and submitted by Teresa Guy.

Hydrogen Economy WC Notes
(received 11/13/03)

Attendees:

John Mark Bardsfield – Hydrocore

David Deputy – AmeriGas Propane

Discussion points included:

- ▶ Apply Moore's Law to the Hydrogen Economy
- ▶ Innovation proportionate to change
- ▶ Convergent human interests, public policy, science and financial interest
- ▶ Tia Robinson – Hydrogen Hummer for Arnold (Schwarzenegger), hydrogen advocacy
- ▶ Legislation
- ▶ History of Technology in reference to fuel cells

Hydrogen Economy WC notes taken and submitted by John Mark Bardsfield.