

# MEETING NOTES

## EAST TENNESSEE CLEAN FUELS COALITION 79th Stakeholders Meeting ~ December 11, 2008



Where: Banquet room at the Copper Cellar on Cumberland Avenue

When: Regular meeting - 11:00am-1:00pm

Lunch: Ordered from the CC's mini-menu.

Attendees: 21 people attended (☺- indicates new attendees)

1. Patricia Weaver- ETCFC
2. Joelle Brink- UT Biofuels/Sungrant BioWeb
3. Tony DeLucia- ETSU/Kingsport Tomorrow
4. Warren Nevad- TN Renewable Energy Council
5. Kathye Settles- Oak Ridge National Lab - ☺
6. Tom Back- DOE-Oak Ridge
7. Dawne Umstead- LeGacey-Critique Oak Ridge - ☺
8. Donald Younkin- LNG/CNG fueling stations
9. Emanuel Bailey- McBee/Bailey & Associates - ☺
10. Russell Moles- Jacky Jones
11. Mark Penland- TN Dept. Env. & Conservation
12. Scott Curran- UTK
13. Leslie Grossman- Trust First Inc, EVTennessee.org
14. Douglas Benton- Wheels 4 Tomorrow
15. Ted Buel- GT Designs, Inc.
16. Evelyn Winther- Ecotequity/Site Build It
17. Mike Whedbee- METI
18. Mark Mauss- SunsOil, LLC
19. Sam Jackson- UT OBP/Genera Energy
20. Brian Hullette- Nu-Energie
21. Jonathan Overly- ETCFC

### MEETING CONTENT

1. Most people arrived around 11:00 am, the meeting began at 11:21 am
2. Awards
  - Founding Partners
  - Star Volunteers
3. Introductions—Went quickly around the table
4. Pictures—Jonathan showed pictures from...
  - ▶ 100 Best Fleets Workshop
  - ▶ Electric Drive Mtg. in D.C.
    - Conference
    - Ride and Drive
    - 600+ people attended—not really enough for the space
    - **Discussion**
      - **Tom Back (DOE-Oak Ridge)**—Battery life for electric vehicles?
      - **Tony DeLucia (ETSU/Kingsport Tomorrow)**—Was this a research oriented group?
      - **Joelle Brink (UT Biofuels/Sungrant BioWeb)**—Does the Volt have regenerative braking? Should.
  - ▶ Chattanooga Odyssey
  - ▶ China!—Green Energy Forum @ Shangi University (50K students)
  - ▶ **Look Up!** Transportation's contribution to air pollution in China
5. Reports from those present and some discussion
  - ▶ UTBI—new partners
    - Cellulosic Education to start in January
  - ▶ CNG—major cost is building station
  - ▶ E85 and B20 in Athens—discussions of stations
  - ▶ **Donald Younkin (LNG/CNG fueling stations)**—Working to develop stations all over, including West Knoxville

- ▶ **Tony DeLucia (ETSU/Kingsport Tomorrow)**—2 opportunities—
    - Climate issues
    - Clean Air Act Advisory Commission
    - Air Quality management
    - Sustainable Skylines program—EPA Grant \$
      - **Jonathan Overly (ETCFC)**—ISSE is working on this Right Now!
  - ▶ **Mark Penland (TN Dept. Env. & Conservation)**—TDEC—nothing new
  - ▶ **Scott Curran (UTK)**—Graduated!! Congrats from everyone!
  - ▶ **Leslie Grossman (Trust First Inc, EVTennessee.org)**—Electric car conversion—cost \$30K, mostly car repairs, \$12-13K on conversion
    - Car to arrive next week!
    - In January, hosting a workshop on EV Conversions—possibly at Earthfare
    - Wants to get a company here in Knoxville to do conversions
    - Also wants to start an EAA chapter—Electric Auto Association
  - ▶ **Douglas Benton (Wheels 4 Tomorrow)** wants to start an EV conversion company
  - ▶ **Ted Buel (GT Designs, Inc.)**—How are fleets doing? Are people sticking to it? Some, not a lot.
    - What about a state mandate? Any talk of B2? Possibly
    - **Jonathan Overly (ETCFC)**—Nashville was picked as market for city wide E10 mandate.
  - ▶ **Mark Mauss (SunsOil, LLC)** discussed biodiesel market as a whole
    - Low oil prices are good for individuals and families, but they are not good for the country
  - ▶ **Joelle Brink (UT Biofuels/Sungrant BioWeb)** thinks we will see a devaluing of the dollar and inflation
  - ▶ **Jonathan Overly (ETCFC)**—We are not building the market for international interested
  - ▶ **Sam Jackson (UT OBP/Genera Energy)**—There are 4 or 5 other cellulosic ethanol plants
    - Canadian government pulled out plan for plant in US, moved to Canada
  - ▶ **Mark Mauss (SunsOil, LLC)**—Glycerin can be sold
    - Glycerin is a usable byproduct
    - Can even be used in animal feed
  - ▶ **Evelyn Winther (Ecotequity/Site Build It)**—Can you feed glycerin to algae to make for a full circle process?—Yes, but that would be a costly feedstock.
    - Interested/works in eco-investing, socially responsible investing
    - Needs ideas for website name
  - ▶ **Mike Whedbee (METI)**—modernelectrictractors.com
    - METI classic—kept compatible
    - Single deck and tiller available in Spring
  - ▶ **Sam Jackson (UT OBP/Genera Energy)**—broke ground on ethanol plant in Vonore in October
    - Moving forward, Progress!
    - Finished 1<sup>st</sup> harvest, 2,300 bails
      - 1<sup>st</sup> harvest, 1<sup>st</sup> year—takes about 3 years for crop to mature
      - Giving incentive to farmers—payments of \$450/acre-year
      - Hope for 2,000 acres of new switchgrass
      - Hope for 6-7 tons/acre
    - We make ethanol and a bunch of co-products
    - Works UT side and feedstock-Genera
    - Dupont and Danisco are Partners -- Danisco works on the enzyme side
    - Ideas are to sell locally
    - Want to have enough acres to invite commercial scale plant
    - Found out that cutting to 6 inches was best when harvesting—helps with next year's crop and mower's tires
    - All crops are planned within 50 miles of Vonore
    - Low management intensity
  - ▶ **Warren Nevad (UT MTAs)** discussed a biodiesel tour and a co-product, car wash material from glycerin
  - ▶ **Joelle Brink (UT Biofuels/Sungrant BioWeb)**—discussed Obama Volunteers
    - Obama Volunteers—a group of Obama supporters who worked during the campaign and want to continue working for good causes in the area.
      - Registered 30K people in the election; want to help with projects—possibly the ETCFC
  - ▶ **Jonathan Overly (ETCFC)**—Concluding remarks—Thanks for coming! Happy Holidays!
6. The next meeting will be held on January 8, 2008, 11am @ the Copper Cellar on Cumberland Ave.

*Meeting notes taken by Patricia Weaver, and written by Patricia Weaver.*