



**CCFC Core Stakeholder Group Meeting Notes**  
**Centralina Council of Governments Offices**  
**Wednesday, March 23, 2011**  
**8:30 am – 10:30 am**

**Present**

Adrian Acuna  
Roger Cable  
Brian Kasher  
Larry Lane  
Dave Navey  
Robert Taylor  
Johnny Wear  
Allison Billings, Innovative Urban Strategies, Speaker

**Staff:**

Jason Wager  
Emily Parker

**Meeting Notes**

*Welcome & Roundtable*

Dave Navey thanked everyone for being present. While the group had breakfast, we moved on to the roundtable portion of the agenda.

Larry Lane: 99-100 EVs. Had some vehicles that were supposed to be E85 compliant – but were not. Micro-mini pickup trucks and vans. Trying to increase the amount of E85 / have a 12,000 gallon E85 tank in the ground. EVs are cleaner than the old gas powered carts. Saving tremendous amounts of CO2 in the air. EVs don't make noise, either, so less disturbing.

Statewide fleet mandate: 23% reduction in petroleum products last year. UNC Charlotte viewed as leader in this! Bravo! Ask Larry for more info on this for success stories for website.

Dave Navey: Updates on his current situation.

Adrian Acuna: Asks Larry if UNCC has plans for EV infrastructure for students in decks. Yes. There are plans in the works. Chicken or egg question. JW: chimes in and talks about Jessica Bishop – DE would pay for chargers/pilot projects. AA speaks about pilot projects (that John Langston spoke about). 10 Volts in Carolinas and 10 Think vehicles in Midwest. Pilot is to gather data to modify the grid. Will this be going

to a fleet setting? AA: Yes. Strategy being developed at the present time. Monica Walsh is the point person on this... DE will upgrade grid based on # of charging stations. Strategy will be out soon. Follow up with AA on this.

DOE and EPRI. Plug-in EV F550 bucket truck. Eaton Corp. Vehicles promised by May of this year. September 2011 delivery. DE getting 25 of these by December of 2011. Follow up with AA on this, too. AA mentions CBS hybrid bucket trucks. Little bit of a delay, but in process.

VMTs reduction.

Diesel forklifts are being replaced with electric forklifts. They also have 3 hybrid step vans on the way – to be deployed in the Carolinas.

Dave comments that resources are being “sucked up” by China – delay on getting tires!

Robert: 1) GRADE+ equipment 6 month report. Equipment is running fine and in use. Signage is needed for equipment that is GRADE+. 1999 engines – 4 off road vehicles selected to have engines replaced. Worked with James River to replace engines.

2) CNG trucks are working really well. Robert is doing a study on the automated arms of the trucks. Vehicles in service for the latter part of September – 11,000 miles! Ask Robert to send picture of CNG trucks. Range? 150-160/day. Fill up once a day. Ask Robert for CNG fueling information for a success story. 69 gallons of fuel for \$40. Cathy Sanders is the fleet manager for Solid waste services and they’re thinking about getting more...

Allison Billings mentions: CATS is interested in CNG – just need their own filling station. Carolyn Flowers is into CNG. JW mentioned to AB setting up a meeting with them. Dave should be involved in this.

MORE INFRASTRUCTURE is key to getting our big fleets to convert to CNG

Robert’s fleet is not certified yet to work on CNG. Taking the trucks to Volvo.

Roger Cable: City of Gastonia. Two backhoes on GRADE program. 1992 and 1994 engines. Looking into an EV – that’ll probably happen.

Connection: Duke and City of Gastonia could work together.

Johnny Wear: Air quality outreach. Partnered with Air Quality awareness. Distributing anti-idling signs. Working with 7<sup>th</sup> grades in public schools. Gas Cap Check and tire pressure check. Air Awareness will help them with this. Also doing teacher workshops.

Thursday, May 26 AQ workshop. Ask Johnny for Save the Date. At Lenoir Rhyne University. In Hickory. Dave asks about the City of Hickory is doing with their CNG. Johnny didn’t know. \$2.15/gallon for CNG. Rocky Mount and Rock Hill now have CNG stations.

#### Update on PEV readiness planning & advisement on how we proceed with EV Subcommittee

Allison Billings:

Highlights recent PEV activities. Update Activities sheet.

Find *Charlotte Observer* article on this event. Patrick Cannon (Mayor Pro Tem was there and prepped)

March 10 event – Nissan Leaf had drive event that weekend. Had opportunity to have 6 Leafs

Where’s the map of City’s charging station – ask AB for this. Leviton was there too. Great public response.

DNC mentioned.

Recent activities:

- Pulling together REVAC group. Finishing up framework for this by June. Action Plan with matrix/strategy.
- Public communications piece is underway. The website (really, a portal) is a goal for the next couple of months. A Charlotte region-centered information source.
- Readiness checklists on the website too. Most useful components – b/c it'll be boiled down information.
- Duke and CCFC are great partners because Duke needs to be mindful of how out in front they are.
- Also, ongoing stakeholder outreach.

Advisement from CCFC on how to proceed with CCFC EV Subcommittee. JW trying to figure out how to not have two groups (EV subcommittee and REVAC) going on.

Robert asks about City of Charlotte EECBG group (city only). Is that different?? Yes.

JW is concerned about slighting the long time stakeholders...

- Robert thinks it would be alright for the EV Subcommittee and REVAC to be collapsed.
- Dave: Now that the ball is rolling, let's join forces and move forward.
- Larry: if we join forces, that gives more eyes and more thoughts to contribute to the overall group.

Officially communicate to EV Subcommittee that they're invited. Ask Jason about this.

Back to what AB mentioned, are there any questions?

AB gives the EECBG block grant update: replacing fleet vehicles with 100% electric. Is this written up somewhere? \$ needed to be assigned by early Feb. \$ must be spent by July 2012.

Lake Electric out of Denver, NC. They have the contract to purchase and install.

2,300 Nissan Leafs were affected in the tsunami...Delay in Leaf arrival.

Smarter charging stations coming on line. Clipper Creek was first to be UL listed, but VERY basic/not smart. AB mentions the match component and charging stations, etc. City looking to lease EVs.

AB mentions technology getting better re batteries and charging speed.

Pilot program has been approved for NC – is there a write up on this program? If so, get it.

Need to have an EV block or something on the CCFC website.

Connection b/t UNCC and Duke Energy...UNCC is one of the largest power users in Mecklenburg County. Plus, with all of their EVs, maybe they should be working together on a special pilot project...

### *Housekeeping*

CSG May meeting: Marcie Smith Waste-to-Wheels conference in December. Jason proposes that we combined CSG group and Solid Waste folks for a joint next meeting. That's fine with the group. Lots of connections between waste and wheels. Robert: Have you ever been to a landfill? I can arrange that in Concord.

Charlotte Chamber Green Works on April 7. Dave is the new Vice Chair! I need to talk with Dave about this.

Vice Chair vacancy: JW says he's been speaking with people on the side about this.

Is there anyone here that you want to nominate? Yourself? Any interest in nominating?

Brian Kasher would like to speak with the person he would like to nominate before. Robert Taylor said he would do it if Brian's nominee (who was Robert!). Brian said, well, I'll go ahead and nominate – Robert! Dave called for a vote, and with a quorum of 7. All were in favor and Robert is the new VC.

NAFA: Coordinating with Honda. They want to do an invite only lunch with regional fleets. Anyone interested? Brian, Roger, Robert, Dave, and Adrian are interested in getting information. Please send us names of folks who're interested.

There is GRADE \$ available for off road! Major pots of money set aside for Gaston County (\$500k). Jason should send Roger info about this.

I provide info on upcoming workshops.

JW talks about Plug-in 2011. 2011 Vehicle buyers guide.

Next Meeting: Not Wednesday! We will keep you posted