

**EV SECTORAL PARTNERSHIP MEETING NOTES**  
**DURHAM, NC KEMPOWER CORPORATE OFFICE**  
**Wednesday 2/6/25 10AM-12PM**

WELCOME FROM KEMPOWER

- New Leadership: Monil Malhotra as President, North America
- Main Highlights: Market is growing, need for talent in the field, believes EVs as an industry will keep building.

OTHER NOTES

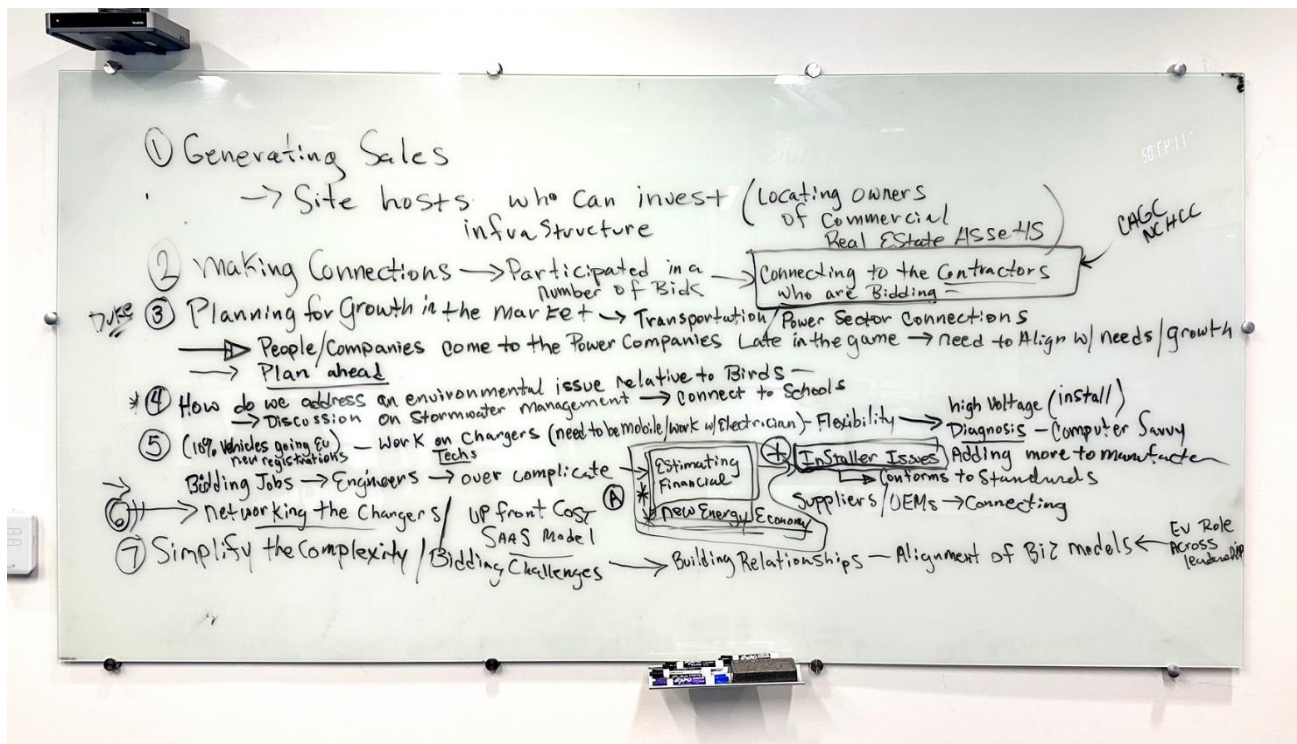
- EVSE Field Tech completed by Wake Tech from Summer 2024
- EVSE Train the Trainer for Instructors hosted by Wake Tech 3 day course.
- John Cleveland Community College Clean Energy Fundamentals Coursework/ Class to be piloted (good for advanced and battery manufacturing) - foundational course to train students to go into different areas. Some will understand electrical wiring.

MATT MEYER, WHAT ARE NEXT STEPS? CONCERNS WITH WORKFORCE, ARE THERE NEW NEEDS?

- Generating sales, finding site hosts capable, willing, financial secure enough to invest in projects.
- Wish they were better at closing sale, locating owners of commercial real estate properties, finding the folks who make empowered decisions.
- Walker PowerShift – Making connections, they are a smaller company, they've participated in state, municipal, county bids. Making connections with primary contractors who are doing the total construction for the state, county, private, etc.
- Tom Duke Energy – As power partner, concerned with planning of growth of market. The electric and transportation sectors are kind of disjointed and don't know how they work together. Assumptions – people think you just plug in the EVs, but folks come to them late in the process. Need to marry what they do in energy with those folks in the industry.
- Good Stuff for the Birds – How do we address environmental problems which is resulting in a decline in birds. They need food on their migration paths and these paths match the NEVI maps. How do we turn stormwater into an asset?

- Kempower Jed Routh – Manufacturing. Administration changes are a difficulty. 10% of vehicles are EVs nationwide (new registrations). Need people to work on chargers, those that can go out to locations and work with electricians. Those trained well-enough to be flexible. High voltage skills are most needed, technical skills needed (computer skills because of the software).
- Michael KRS / Powershift EV – Bidding jobs, engineers make it overly complicated, or spec equipment that is more for fleet use. Education for those putting together packages. Level 2 companies who do you recommend? They go out of business. Designing something similar to Kempower would be helpful (not finding a wire/ etc. to troubleshoot for). Design equipment that fails in stages, vs. all the way fails.
- Matt Meyer NCBCE - Estimating and financial is not in EVSE training right now (PER MATT MEYER). Thoughts if Wake Tech does training on this also? Having someone who understands this would be helpful, but not part of the certification. Maybe it be more of an elective you take.
  - Would industry folks want to come together with Community Colleges? To understand competencies? (PER MATT)
  - Could installer training be something we develop next? Yes, this would be great too.
  - Yes, estimating financial cost class would be great.
  - Yes, let's host some time of brainstorming session with the Community Colleges and Partners/ Employers to discuss further training (financial/ installer training/ etc.).
- City of Raleigh Rick L. – Fleet management.
  - Networking the chargers to connect to the software.
  - Cost a big barrier, maybe a SAS model is more advantageous.
  - It costs \$10 million to build infrastructure (barrier).
- Deb W. RTCC – How to bring together everyone. Generating sales side is not an engineering function, but we need everyone working together (HR, business development, relationship management, etc.).
- Matt S. – Would like to develop career pathways in installing, maintenance, and charging infrastructure. More to come on upcoming dates for us to get together with a smaller group to brainstorm, etc.

## MATT MEYER, NCBCE – CHALLENGES OF THE EV SECTOR FROM AUDIENCE/ THOSE ON THE PHONE



- Caroline S. NCBCE – Battery Supply Chain Career Ladders are done <https://www.cleanenergync.org/career-resources> (select “EV Career Maps”). Take a look and if any suggestions, we can update. Let us know.
- Matt NCBCE - CAGC is working on a tool where contractors can connect with suppliers in NC (Hispanic Chamber working on this) via online when you are looking for OEMS. Report also coming out from Hispanic Chamber on real estate to find commercial real estate developers/ entities.
- Paula NC DOT – Working on NEVI, getting bids, looking at safety of systems during large hurricanes or large wildfires and how to secure systems and keep public safe.
- Al Brewer, Wake Tech – Develop apprenticeships, curriculum program at Community colleges to work on specialization in areas, and understand job needs/ description and where people are needed in what areas, etc. Concentration tracks in battery installation, troubleshooting, estimating in electrical systems. There’s an associates program where they have to learn these things.

- Advisory committees, please contact Wake tech if you are interested (Rick Sapienza, etc.). Keep us in tune with what your needs are.
- If you'd like to donate any equipment, please let them know. They have a hands-on lab experience for students.
- Next EVSE class, the dates are being discussed. They'd like to focus on train the trainer first. Maybe by April 2025.
- If you know folks who would like to take their classes, please let them know names, contact information, etc.
- Matt Meyer NCBCE – February 19<sup>th</sup>, 2025 south campus 2 days, north campus 1 day for training for EVSE instructors. Also on February 20<sup>th</sup>, 2025.
- Paula NEVI/ NC DOT (PowerPoint slides)
  - 100,000 EVs on road, at least 1 every county, at least 1% of EVs on road in NC
  - Charging stations installed in NC +3,000 (average DCFC installs last 4 years = 260 per year), Every 50 miles
  - Round 1 Funding Complete, NCDOT awarded 9 EV charging stations, but cannot contract
  - NC DOT NEVI Directory with OEMS - <https://www.ncdot.gov/initiatives-policies/environmental/climate-change/Documents/nevi-networking-database.pdf>
  - NC DOT NEVI Program Site- <https://www.ncdot.gov/initiatives-policies/environmental/climate-change/NEVI/Pages/nevi-program-information.aspx>
- SCHOLARSHIPS FOR STUDENTS (Caroline S. NCBCE)
  - Students with barriers to access (EVSE Technician and Clean Energy Fundamentals), funding for training, wrap-around-services fundamentals, etc.
- OTHER EVENTS RTCC
  - <https://members.researchtrianglecleantech.org/events>
  - Thursday 2/20/25 from 2PM-4PM, JC Raulston Arboretum
  - FREE EVENT, PLEASE REGISTER!
  - RTCC Cleantech Spotlight: Charging Ahead: EV Infrastructure Challenges and Opportunities
    - Speakers:
    - Dr. Deb Wojcik (Moderator) - Executive Director, RTCC

- Tom DelViscio - Regional Electrification Manager, Duke Energy Carolinas
  - Kempower
- Clean Energy NC Website
  - Day in the life videos, curriculum, training, etc. are on here.
  - Check out the Clean Energy EV Career Pathways (let us know if you have any updates) - <https://www.cleanenergync.org/career-resources> "Career Maps"
  - <https://www.cleanenergync.org/>
- CAREER SPOTLIGHTS, NCBCE
  - We can come out to your organization to film some of your employees (takes less than 20 minutes and is a free service) talking about their careers, etc.
  - Great for highlighting your organization and careers in clean energy/ Employment Branding and Marketing (no cost).
  - EXAMPLE - <https://www.youtube.com/watch?v=cVoz5tJ3uUY>
- NAVIGATOR, NCBCE
  - Educational resource – be a speaker, film a testimonial of your career, etc. <https://go.wblnavigator.org/about>
  - For both educators/ teachers/ companies
- CLEAN ENERGY NC TALENT HUB
  - JOB SEEKERS – Open to all ages (HS, veterans, career changers, non-environmental/ STEM folks, anyone and everyone), free for job seekers to upload resumes, research companies, set up job alerts.
  - EMPLOYERS – Post jobs at no cost (send it to us – [joanne.sullivan@nc.gov](mailto:joanne.sullivan@nc.gov)) and we can get it up for you (any apprenticeships, internships, trainee programs, networking events, etc.), search for candidate resumes, showcase your organization.
  - <https://jobs.cleanenergync.org/>
  - CONTACT WITH ANY JOB POSTINGS: [joanne.sullivan@nc.gov](mailto:joanne.sullivan@nc.gov)

**NEXT MEETING: LATE SPRING/ EARLY SUMMER 2025, TBD (If you would like to host, please let us know!)**