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**MEETING MINUTES OF THE VIRTUAL  
ARLINGTON COUNTY C2E2 ENERGY COMMITTEE**

10/5/2022

The **C2E2 ENERGY COMMITTEE** convened its hybrid meeting at **7:30 AM** on **October 5, 2022**.

**PRESENT (IN-PERSON)**            Tim Effio  
   Scott Sklar  
   Kevin Vincent  
   Vasu Nambeesan  
   Rick Keller  
   Stephanie Gagnon  
   Claire Noakes  
   Kip Malinosky  
   John Bloom  
   Jonathan Morgenstein  
   Aaron Kocian

**PRESENT (VIRTUALLY)**        Doug Snoeyenbos, participated virtually from home (via Teams)  
   Vince Plaxico, participated virtually from home (via Teams)  
   Gregg Brozak, participated virtually from home (via Teams)  
   Scott Dicke, participated virtually from home (via Teams)  
   Stephanie Burns, participated virtually from home (via Teams)

**ABSENT**                                Scott Brideau

**STAFF**                                Rich Dooley  
   Demetra McBride  
   Charles Njoku

**PUBLIC**                                Joan McIntyre, Jay Fiset

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**SUMMARY OF PRESENTATIONS/DISCUSSIONS**

1. Greetings and introductions **(7:30)**
  - Tim Effio welcomed everyone and thanked everyone for joining the meeting.
2. Review/approve agenda and September meeting summary **(7:35)**
  - The October meeting agenda was modified to move up the Inflation Reduction Act item to immediately after the AIRE Team update item. That change and the resulting agenda was approved. The September meeting summary was also approved, after updating the summary to

include Andrew Etheridge and Eric Gibbs to the list of people from the public who participated in the meeting, and to correct a typo.

- Rich D. highlighted an e-mail that he sent to the EC members regarding how voting happens in hybrid EC meetings. All EC members votes count, regardless of whether the member is in-person or virtual during a hybrid meeting.
- Tim introduced Aaron Kocian, the newest EC member.
  - Aaron has lived in Arlington since 2013, and worked for Arlington County.
  - All EC members and County staff introduced themselves to Aaron.

### 3. Public Comment on General Topics (7:40)

- Jay Fisette noted there were problems accessing the meeting using Team video, so he called in instead. Rich D. noted he would follow up with Jay to determine where any fixes may be needed for future meetings.

### 4. Monthly update from the AIRE team (7:45) – Rich Dooley

- Rich D. presented an update on a variety of AIRE projects and plans.
  - Attachment A includes a summary of those projects and plans.
  - Demetra M. provided thanks to AIRE staff and an update on the recent EV Ride & Drive event.
  - The Maplewood utility solar project is slated to be fully completed by the end of the year.
  - The Energy Services Contract RFP's deadline for proposals (we sent EC members the RFP's SOW) is October 17<sup>th</sup>.
  - Kevin V. asked about the TCO study. Demetra noted that it is undergoing internal review.
- John Bloom asked about the quarterly interdepartmental meetings.
  - Demetra noted that it appears to be in the scope of the County Manager's Office's Office of Climate Change and Policy (CMO OCCP) ; we do not want to get out ahead of that effort.
  - The AIRE Team will still hold its quarterly meetings that focus on energy issues for County operations. The CMO OCCP meeting will include County staff from higher levels of the government. The AIRE Team will provide any technical expertise, as needed, to the CMO OCCP upon request.
- Scott Sklar noted that he is working with other jurisdictions to take advantage of the IIJA funding. How are others in the County positioning the County to access and take advantage of those opportunities?
  - Demetra noted that the efforts start at the mid-levels of government and discussions and information go up to Department Directors.
  - We also plan to take advantage of regional efforts, such as the new [MWCOG Resolution](#) to create a regional EVSE Deployment Clearinghouse and Working Group.
  - We are working with consultants to identify opportunities.
- John Bloom is interested more about the CCA study.
  - Demetra is touching base with the City of Alexandria to ascertain their interest in partnering with such an effort. We are also interested to know about Loudoun County's intentions regarding CCAs so that Arlington can consider setting up a CCA from a regional perspective.

- The RFP is a lens through which we view our future and CEP implementation. The RFP includes a possible Task Order that would allow the County to bring in consultants to help the County assess the possibility of a CCA.
- Tim Effio asked for the Energy Assurance Plan so that the EC members can read it in time for the Nov. EC meeting.
  - Rich D. explained that the draft Energy Assurance Plan is undergoing internal review. The intent is for staff to provide the Energy Assurance Plan in a timely manner to allow for EC members' review and for the EC to discuss the Energy Assurance Plan at the EC November meeting.

## 5. Discussion on Inflation Reduction Act (IRA) (8:00) – Tim Effio

- Tim Effio provided an update he has received on the IRA.
- Bloomberg Energy & Finance has been tracking EV market trends. That information was discussed during the meeting.
  - The IRA stemmed from the previous Build Back Better aspirations. It passed in August 2022.
  - There are multiple provisions for EVs. The hope is that money being provided to manufacturers will help increase production and eventually decrease battery and EV costs.
  - Vince P. provided a [link to information](#) regarding changes to tax credits due to the IRA
  - 45W of the codes (Clean Commercial Credit) is directly applicable to the Arlington County fleet and can benefit the County financially.
    - 30D of the codes (for personal use) does not apply to 45W.
    - Per 45W, Arlington County should receive \$7,500/EV for every EV the County purchases, starting 1/1/23.
  - The Critical Mineral Requirement (applicable under 30D, not 45W) is a tough threshold to meet for EV manufacturers. This will limit the number of EVs available under 30D.
  - There are interesting partnerships between automakers and battery makers in North America.
- Jonathan M. stressed that we should ensure that EVSE gets installed throughout the County, in all parts of the County, including in underserved, disadvantaged areas.
- Tim E. had a [NextEra information piece](#) that he shared. NextEra Energy (one of the largest power plant owners in the USA) has views on the IRA:
  - The IRA will create long-term growth in clean energy
  - There appears to be a path forward for advancing hydrogen, RNG, and storage
  - When talking about the new VA Energy Plan that accentuates small modular nuclear, that technology is the most expensive option in the NextEra analysis
  - Rising prices for natural gas will help drive industry movement toward more renewable energy since renewable energy is lower-cost
  - **ACTION:** The EC would like to know how Dominion Energy thinks about the IRA. Does Dominion see the same opportunities available to Virginia customers?
- What does this mean for Arlington?
  - If we think having a CCA will enable Arlington to contract for more renewable energy, then perhaps it increases the need for a CCA analysis for Arlington
  - In California, that State is already asking EV owners to not charge their EVs at night. How can that impact Arlington in the future?
    - **ACTION:** The EC should talk about how the IRA could increase electricity demand and whether the grid can handle such an increase in demand

- **ACTION:** There may be an opportunity to highlight IRA incentives for homeowners to take advantage of heat pump and other incentives.
  - NYC Housing Authority put out an RFP and received a window heat pumps proposal to increase the use of heat pumps in lower income buildings

**6. Update on the Virginia Energy Plan (8:30) - Demetra McBride**

- This item will be covered in an upcoming EC meeting, hopefully in the Nov. EC meeting.

**7. Discussion about the Regional Greenhouse Gas Initiative (RGGI) (9:00) – Demetra McBride**

- The State has received comments. The County is submitting comments, as are other jurisdictions.
- The concern is that the current administration is trying to use whatever means possible to pull VA out of RGGI.
- Dominion Energy has already stopped charging its customers for being in RGGI.
- The County is concerned that this will impact the cost of renewable energy in VA.
- Demetra noted that we still have the opportunity to provide comments on the Governor's plan to pull Virginia out of RGGI. The County plans to provide comments, and staff will send to the EC a link after today's meeting that will enable the EC to provide comments if it chooses to do so. (Update - an e-mail was sent to the EC on 10/7/22, explaining the Oct. 26 deadline for comments and the link to the websites to provide comments)

**8. Member Updates (9:20)**

- Tim E. encouraged all EC members to view the video Rich D. sent out earlier by e-mail (a link to the video) that described the new Virginia Energy Plan. Tim also encouraged all EC members to review and be ready to discuss at the Nov. EC meeting the Energy Assurance Plan.

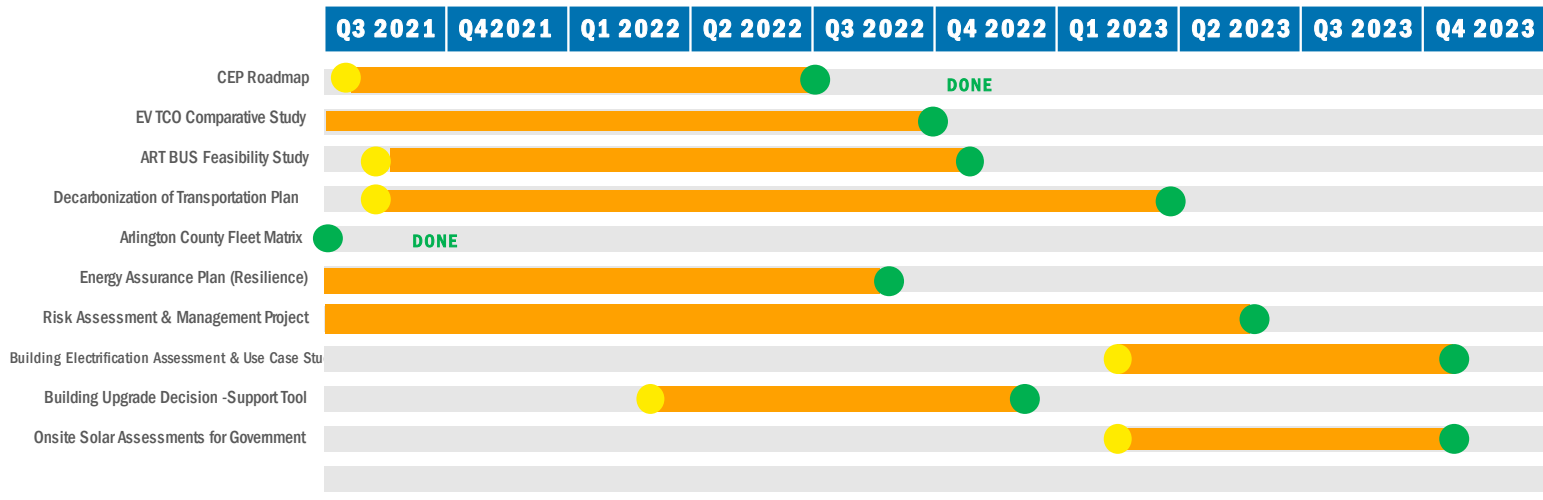
**9. Adjourn (9:30)**

- The meeting adjourned at 9:30.

ATTACHMENT A

AIRE Projects and Plans Update

# Progress Report on Studies and Plans



Start ● In progress ■ Estimated Completion ●

# Progress Report Notes

## Amendments:

- **CEP Roadmap:** Final Roadmap is on the CEP webpage:  
<https://www.arlingtonva.us/files/sharedassets/public/environment/documents/cep-roadmap07-26-2022-with-cover.pdf>
- **EV TCO Comparative study:** Awaiting final draft from the consultants. Estimated schedule to complete: Q3 2022.
- **ARTBus Feasibility Study:** We envision that being done by Q4 2022
- **Decarbonization of Transportation (DecTrans) Plan:** Is in progress with KH. Q4 2022 for draft plan, and Q1 2023 for final plan.
- **Fleet Matrix:** Details from this project to be woven into DecTrans plan.
- **Energy Assurance Plan (EAP):** Dominion Energy provided additional data to Cadmus on 8/22. Cadmus incorporated the additional data to update the EAP. County staff are reviewing the updated EAP.
- **Risk Assessment & Management Plan** RAMP Task 5 (Vulnerability/Risk Assessments) presentation delivered. The Task 5 Technical Memorandum draft is under staff review. The Task 10 (Market and Trends Report) delivered in draft, reviewed ~~attached~~ with comments (estimated final delivery in Oct. 2022).
- **Building Electrification Assessment and Use Case Studies:** Builds on previous SWA report. With FY23 funding available, project will move forward after the Energy Services Contract RFP is completed. Report slated for Q4 2023.
- **Building Upgrade Decision-Support Tool:** Working with the consultants, FMB, and FD&C in recent project meetings. Planning on a draft internal tool for use by the County staff by Q4 2022.
- **On-Site Solar Assessments Project** With FY23 funding expected to be available, project will move forward after the Energy Services Contract RFP is completed. Report slated for Q4 2023.
- **Our first-ever Think Big!** clean energy vehicle & technology showcase occurred on Sunday, October 2. We had ~~1489~~ registered attendees, and an estimate ~~500-550~~ total headcount. We had ~~31~~ EV showcase vehicles with ~~20~~ different models.