

**MEETING MINUTES OF THE HYBRID MEETING
ARLINGTON COUNTY C2E2 ENERGY COMMITTEE
3/15/2023**

The **C2E2 ENERGY COMMITTEE** convened its hybrid meeting at **7:30 AM** on **March 15, 2023**.

PRESENT (IN-PERSON)

Claire Noakes
Greg Brozak
John Bloom
Stephanie Burns
Scott Dicke
Jonathan Morgenstein
Doug Snoeyenbos
Scott Sklar
Scott Brideau

PRESENT (VIRTUALLY)

Rick Keller, participated virtually from home (via Teams)
Kip Malinosky, participated virtually from home (via Teams)

ABSENT

Kevin Vincent
Vasu Nambeesan
Aaron Kocian

STAFF

Rich Dooley
Bill Eger
Brett Wallace

SUMMARY OF PRESENTATIONS/DISCUSSIONS

1. Greetings and introductions (7:30) – Doug Snoeyenbos

- D. Snoeyenbos introduced himself as the new EC Chair. He welcomed everyone to the meeting.

2. Review/approve meeting agenda and February meeting summary (7:35) – Doug Snoeyenbos

- The March meeting agenda was unanimously approved.
- For the February meeting summary:
 - A request was to add page numbers to the summaries.
 - John Bloom made comments for changes. All changes were unanimously accepted.
 - The February meeting summary was unanimously approved.

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

- None
4. EC member round-robin (7:45) – **All**
- Each of the EC members provided information about their backgrounds.
5. Monthly update from the AIRE team (8:00) – **Rich Dooley**
- R. Dooley provided an update on the AIRE programs and projects (see Attachment 1)
 - For future updates, a request was made to add longer-term endeavors, e.g., bullet points of other work we are considering to do
6. Meeting the Arlington Climate Policy Officer (8:15) – **Bill Eger**
- Three agenda items B. Eger planned to cover:
 - Introduce himself
 - Answer questions about his background
 - To understand how the EC can be of assistance as we implement the CEP
 - His background
 - Worked in Alexandria, Cleveland, mainly in local government space
 - Worked in the industrial sector on energy matters
 - Education in engineering, public policy
 - Lives in DC
 - His role
 - He is meeting with agency directors, sitting in on budget deliberations
 - He would like to know what the EC thinks his role should be to best execute the climate vision for the County
 - In about 1-2 months he hopes to offer more insights as to what he will be doing moving forward
 - C. Noakes – She wants to hear from Bill what the problem(s) were that he is trying to solve
 - A: Working on all of government approach, but the County already does that. His position can use heft to do more of that coordination and collaboration.
 - His role will be to amplify the good work that is already being done.
 - S. Sklar – Each Department thinks that all it can do is what it has been given money to do. However, with the IRA, IIJA, etc. there is outside money to get work done. He would like the business case made to do projects, then we can find the money to get it done.
 - A: Noted. Solar PPAs, VPPA project are examples of what we are already doing, but we can do more.
 - J. Morgenstein – The EC pushed for his position. Please come back often to talk with us. In addition to whole of government, we should think of whole of community.
 - For example, DoD is large, and can influence contractors to do certain things given the desire from the private sector to do business with the DoD. Bill’s role could include asking all departments what contracts are in place, and how could those contracts steer bidders to do what we want them to do. The County can push the private sector in the direction we want them to go, and Bill can help with that.
 - A: Yes, any job, contract the County has can have a positive or negative impact on the environment and climate. We can and should consider the climate in our decision-making. He looks forward to continuing those discussions with the community.

- S. Burns – She wanted Bill’s position to have real authority. She is glad he is here. She thinks his power will be soft, e.g., building political will and translating community’s will into County work. The EC can advocate for other changes that are outside of Bill’s position and ability. She thinks not all departments are on the same page when it comes to projects and initiatives.
 - A: He welcomes the varied views on how his role can improve the community.
- J. Bloom – Emphasized the whole of government approach. Some certain agencies have a large climate footprint, e.g., public safety agencies. He hopes with Bill’s position, we can talk more about those agencies and activities. There is a large resistance to change. For example, single-cycle leaf blowers. Why will it take until 2030 to make changes needed to address these issues when the technologies exist to do better? He would like Bill’s position to be an honest broker and have the expertise to influence changes in multiple departments. He can help the CMO and the CB.
- S. Sklar – Bill can bring in experts from other jurisdictions to help explain how others are tackling climate issues.
- R. Keller – How will he interface with APS in his role?
 - A: Bill has not gotten there yet.
- S. Dicke – Climate and community entrepreneurialism. He can see Bill pushing people into uncomfortable areas and helping people make the changes we need to make. How does Bill see himself push the envelope? How can the EC help him?
- C. Noakes – Our metrics look at how we produce GHGe. Departments do not see the consumption of materials as part of the GHGe equation. For example, how paving roads has an impact, how the large concrete stormwater vaults have an impact.
- Bill: He has the EC and C2E2 meetings on his calendar. For C2E2, he is looking to come to the C2E2 April meeting. He is looking forward to working with AIRE staff. Also, he wants to integrate and work across multiple commissions and committees to advance climate work.

7. ART bus acquisitions (8:45) – John Bloom

- The ART bus talks in the last EC meetings then resulted in C2E2 deliberations and eventually a letter from C2E2 to the CB on the matter. It will take a while to correct and undo work that has clouded the visions of the TC and the TC Advisory Committee.
- He noted there were process issues that have led to trust issues.
- The actual study target date is April 23rd.
- There are numerous unanswered questions and what decisions need to be made.
- Also, what is a staff decision vs. a CB decision?
- What community engagement will there be before final decisions are made. For instance the Fleet Transition Plan – how will that move forward?
- D. Snoeyenbos – In his time with the EC, this issue seems to be the most problematic in terms of reporting out from County staff to the CB. It is important that accurate information get communicated to the decisions makers. It is not clear that is happening with this issue. There may be an agenda among some County staff that is steering decisions.
- S. Burns – Who created the slide deck (31 slides) dated Feb 2, 2023?
- J. Bloom – AIRE is part of DES and thus needs to follow what DES decides.
- J. Morgenstein – There is a deadline. If the County plans to buy BEBs, the County needs to plan ahead. Also, while the County waits 5 years to decide whether the County will move forward with BEBs or Hydrogen buses, the County will not buy neither BEBs or Hydrogen, rather, we will buy more

CNG buses for the time being to meet our needs. It does not make sense to buy more CNG buses that the CB has said we do not want in the future.

- J. Bloom – Overall, the broader issue seems to be a procurement and policy issue.
- S. Sklar – He does not think this needs to be an either/or issue.
- G. Brozak – The emergency purchase of more CNG buses – 15 last year, and another 15 CNG buses – is that all done? A: Yes.
 - J. Bloom – DES has said it has executed a contract to allow and accommodate for the trial buses in the AOMF. We do not know what kind of equipment will have.
- C. Noakes – APS operates many diesel buses. The community wants to know how the ART buses can be used to help get students to schools. Also, how can those buses help with after the schools close and students need rides home after clubs and sports teams end. This is a good example of a whole-of-community approach that could and should be taken across County and APS.
- S. Sklar – While induction stoves are nice to have, diesel buses are much more damaging to the environment and should be our focus.
- S. Burns – Do we as the EC need to go the CB to express our views?
- J. Bloom – He thinks the CB provided a waiver to allow for the emergency CNG buses.
- S. Burns – Next steps now that the C2E2 letter has been sent to the CB?
 - A: J. Bloom – He thinks next steps include C2E2 and CB coordination plus community engagement

8. County budget discussion (9:00) – **Greg Brozak**

- There's not a lot of information in the County budget documents about AIRE.
- \$200,000 for AIRE execution, plus money for EV/EVSE and facility investments.
- \$2.6M in energy savings from Maplewood – where do those savings go?
- The \$1M CEP Action Fund – what is that being used for?
 - A: The DES budget slide deck from last Tuesday showed how the money should be spent.
- It is surprising and disappointing that the additional staff person in the OCCP is being deleted.
- The EC should speak about the issues with the County budget.
 - For example, there is not money for community outreach, and no funding to reach out to the 96% of the problem (the public).
- There is \$235k left over from the CEP Action Fund.
- D. Snoeyenbos wants to resume this discussion in future meetings.

9. PFRC discussion (9:15) – **Brett Wallace (CPHD)**

- B. Wallace provided a presentation on the PFRC (see Attachment 2).
- The APS Career Center project will have a PFRC meeting tonight in Room 311 – everyone is welcome to come.
- C. Noakes – Regarding the Career Center – how was the schematic review process able to move forward without MEP requirements with respect to energy systems and usage of different energy sources? APS staff did not provide to the Board and others what was going to be done with energy information.
 - A: B. Wallace noted it is difficult to get information. County staff are working with APS staff to get PFRC information in a timely manner to allow PFRC members to make informed decisions. In the concept and schematic design phase, APS was asked whether solar or other energy sources were going to be used. APS replied that the Use Permit application would cover that information. County staff are waiting to see that information.

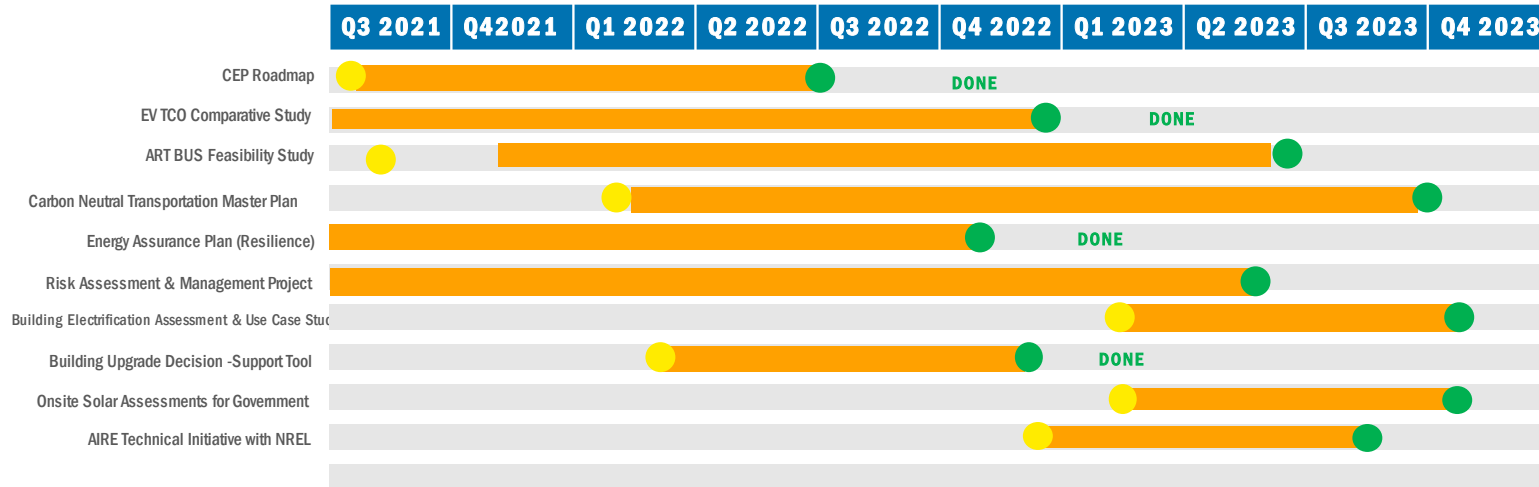
- S. Sklar – Geothermal – it seems like it makes sense to go this route and use this technology. The issue is about construction scheduling, it is not a technology issue.
- J. Morgenstein –
 - Not sure which category it should go in... but shouldn't energy issues, e.g., energy efficiency, renewable energy, electrification be a separate item for the PFRC to explicitly focus on (in Slide 3)? This is somewhat different than "Sustainability" and can be linked directly to lifecycle costs for building maintenance. Is there a process for formally changing the PFRC priorities. Could we get an answer to my question of how to include an addition to the formal items to be addressed in the PFRC process?
 - A: B. Wallace will provide the answer and that will be provided to the EC.
- J. McIntyre – It makes sense to put in the geothermal under the field before the field is built.
- J. Bloom – Similar to the AOMF process, the community found out late in the process that gas boilers would be used. We would like more information about energy equipment disclosed earlier on in the process.
 - A: B. Wallace understands the need for information early enough to allow for decision-makers to make appropriate decisions.
 - He will work with other County staff to get the project information far enough in advance.

10. Adjourn (9:30)

- The meeting adjourned at 9:33 am.

**ATTACHMENT 1
AIRE UPDATE**

Progress Report on Studies and Plans



Start ● In progress ■ Estimated Completion ●

Note: Years listed above are Calendar Year (CY), not Fiscal Year.

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:** Report finished.
- **ARTBus Feasibility Study:** Draft Study Report scheduled for April 2023
- **Carbon Neutral Transportation Master Plan:** Amended SOW Jan 2023 to expand EVSE analysis/siting plan & engagement. Est. completion adjusted to Oct 2023.
- **Energy Assurance Plan (EAP):** Report provided to County staff.
- **Risk Assessment & Management Plan:** RAMP Task 6 (Gap Analysis with Mitigation and Adaptation Strategy Development) County staff & consultant workshop is scheduled for March.
- **Building Electrification Assessment and Use Case Studies:** Builds on previous SWA report. With FY23 funding available, the project will move forward after the Energy Services Contract RFP is completed. Report slated for Q4 CY2023.
- **Building Upgrade Decision-Support Tool:** Tool is being used by the County staff.
- **On-Site Solar Assessments Project:** With FY23 funding expected to be available, the project will move forward after the Energy Services Contract RFP is completed. Report slated for Q4 CY2023.
- **AIRE Technical Initiative with NREL:** NREL providing technical assistance to County staff and Barcroft property owner to enhance project energy efficiency and resiliency.

**ATTACHMENT 2
PRFC PRESENTATION**

**Overview of the
Public Facilities Review Committee (PFRC)**
March 15, 2023



PFRC Webpage: <https://www.arlingtonva.us/Government/Commission-and-AdvisoryGroups/PlanningCommission/PublicFacilitiesReviewCommittee>

Role of the Public Facilities Review Committee

1. **PFRC Charge (June 18, 2014) found at:**
https://arlingtonva.s3.amazonaws.com/wp-content/uploads/sites/5/2014/06/PFRC_Charge_June2014.pdf
2. **Mission:** to ensure that the highest quality of land use planning, design, transportation planning, and other important community aspects are incorporated into civic projects as assigned to the Committee by the Arlington County Board.
3. **Key responsibilities:**
 - a. Provide a forum for advisory commission and committee input
 - b. Ensure highest quality of land use planning and design
 - c. Promote compliance with County Comprehensive Plan and other County planning policies
 - d. Provide means for broad-based public participation
 - e. Provide advice to County Board and County Manager

PFRC Principles of Civic Design

1. Intended to inform the design of civic facilities.
2. Ensure facilities meet community goals and are attractive, durable and functional.
3. Supplement existing County planning documents and policies.
4. Each project reviewed individually –certain principles may be stressed over others

CIVIC VALUES

- Context
- Bold Architecture
- Sustainable Design
- Universal Design
- Adaptive Reuse
- Open Space
- Mixed Use

SITING & ORIENTATION

- Building Entrances
- Emphasize Pedestrians, Bicycles, Mass Transit
- Circulation
- Outdoor Spaces

BUILDING FORM

- Massing
- Scale
- Hierarchy

BUILDING DETAILS & MATERIALS

- Pedestrian Scale
- Public art & Architecture
- Durable Materials
- Consistency
- Sense of Place

Role of the Public Facilities Review Committee

PFRC Membership:

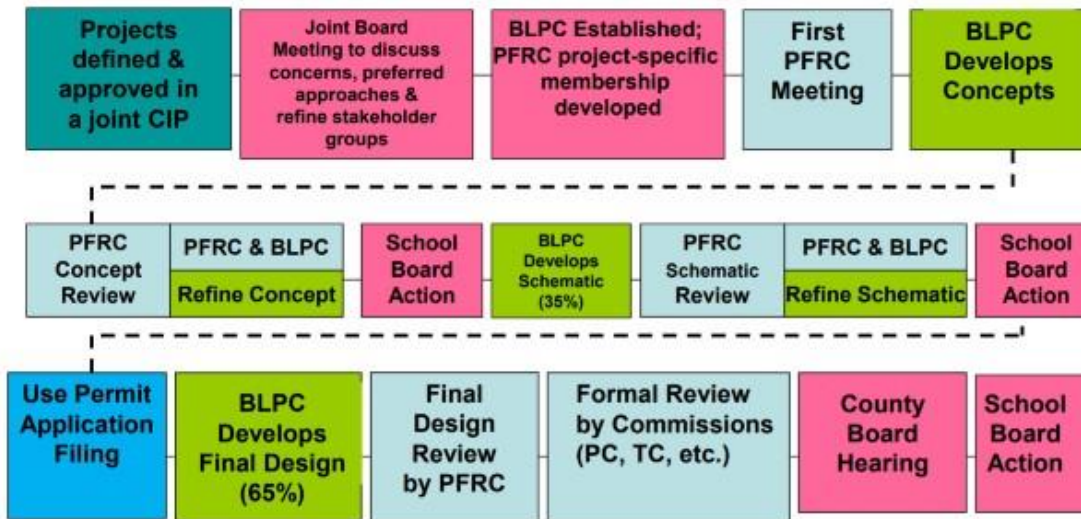
- Recommended by their respective Commissions
- Planning Commission members, are appointed by the County Board for staggered two-year terms.
- Project specific members
 - Neighboring Civic Associations

Member	Commission
Sarah Steinberger (Chair)	Planning Commission
Nia Bagley	Planning Commission
Elizabeth Gearin	Planning Commission
Thelma Askey	Fiscal Affairs Advisory Commission
Jeffrey Certosimo	Housing Commission
Alyssa Tope	At-Large
Sergio Enriquez	Parks and Recreation Commission
Open	Arlington Public Schools
Hans Bauman	Arlington Public Schools
Terri Prell	At-Large
Kate Donohue	Forestry & Natural Resources Commission (At-Large)
Chris Slatt	Transportation Commission
Doris Ray	Disability Advisory Commission
Stephen D'Alessio	C2E2
Kathleen McSweeney	Joint Facilities Advisory Commission



PFRC Process Flow Chart

Overview of Design Process: APS works as project developer through its BLPC process and is responsible for incorporating PFRC input into the final design. The project is presented to the PFRC at three points in the process: Planning (Framework), Conceptual Options, Final Design



Note: For County projects BLPC above would be replaced with a Task Force or Project Team and School Board Actions eliminated.

PFRC List of Projects

Table 1: APS Projects that PFRC Reviewed since 2008

Project	County Board Review	Project Type/ County Board Action	County Board Approval Date
Wakefield High School	Yes	Use Permit	4/24/2010
Ashlawn Elementary School Expansion	Yes	Use Permit	5/18/2013
New Elementary School at Williamsburg Middle School	Yes	Use Permit	9/24/2013
Abingdon Elementary School Expansion	Yes	Use Permit	9/21/2015
Thomas Jefferson (Fleet) Elementary School Addition	Yes	Use Permit	4/22/2017
Wilson School (The Heights)	Yes	Use Permit	2/25/2017
Stratford Middle School (Dorothy Hamm)	Yes	Use Permit	3/18/2017
Reed Elementary School	Yes	Use Permit	11/17/2018
Education Center Reuse	Yes	Use Permit	5/18/2019
Career Center (currently under review)	Yes	Use Permit	

Table 2: County Projects that PFRC Reviewed since 2008

Project	County Board Review	Project Type/ County Board Action	County Board Approval Date
Arlington Mill Community Center	Yes	FBC Use Permit	6/17/2008
Art House Bus Facility	Yes	Award of Contract	5/16/2015
Lubber Run Community Center	Yes	Award of Contract	12/10/2016
Fire Station #10 Temporary Location	Yes	License Agreement	9/24/16
Long Bridge Park Aquatics Facility	Yes	Award of Contract	11/28/2017
Fire Station #8	Yes	Award of Contract	1/26/19
ART Bus Facility- Shirlington	Yes	Award of Contract	2021



PFRC Projects- Design Arlington Awards



Discussion Questions

Public Facilities Review Committee (PFRC)

- What does the PFRC do?
- How long has the PRFC been in existence?
- Where do the members of the PFRC come from?
- What is the name of the PFRC member from C2E2?
- What specific facilities has the PFRC been focusing on lately?
- Does the PFRC ever get involved in what types of HVAC systems (gas v electric) are used for public facilities? If so, what types are being used? Any other sustainable energy issues that come before PFRC?