
**THE CLIMATE CHANGE ADVISORY COMMITTEE WILL HOLD THIS MEETING
IN PERSON AND USING A VIRTUAL, ZOOM WEBINAR PLATFORM**

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CITY HALL OR CALL IN TO THE ZOOM WEBINAR**

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AGENDA

- 5:30 Call meeting to Order/Roll Call/Accept of Modify Agenda/Conflict of Interest Disclosure
- 5:35 Approve Minutes from December 14, 2022
- 5:40 Public Comment
- 5:45 Climate Officer Updates and Questions (Autumn Salamack)
- Solid Waste Study Update
 - Equity Lens – Community Disaster Hubs (Solar and Battery Energy Storage Project)
 - Future Sustainable Transportation Analyst
 - CCAC Charter Updates – [BIMC 2.37](#)
- 6:15 PSE City Council Study Session (Mike)
- 6:30 Updates
- Zero Emissions Recommendations (Mike)
 - Technical Advisory Committee (Leslie)
 - Doughnut Economics (John)
 - Other (All)
- 7:00 Adjourn

Materials

1. December minutes
2. PSE City Council Study Session

**Climate Change Advisory Committee
December 14, 2022 Action Minutes**

Meeting called to order at 4:02 PM by David.

Roll call: David, Mike, Kevin, Julie, Deb, Jens, Steve, Autumn, Leslie

Modify agenda? Yes. Mike asks that we add an agenda item for the CCAC to discuss the City's proposal to change the composition of the CCAC to include members from the Sustainable Transportation Committee.

Conflicts of interest? Deb states that she is a contract employee at EcoAdapt, which works with the City, but she is not part of those contracts. Jens states that he works with a company that does business with PSE, but he is not involved with any projects with PSE at this time.

Minutes approved? Moved to approve by Deb. Seconded by Jens. Unanimously approved.

The group recognizes Charlie Kratzer, the Chair of the Environmental Technical Advisory Committee (E-Tech). He raises the issue of the City having suggested that certain of E-Tech's work plan items - specifically those related to stormwater management and wastewater management - overlap with the work of other advisory committees, including CCAC. He asks that CCAC have a discussion about the possibility of E-Tech having overstepped its bounds and requests that CCAC get back to him about this.

Action Item: David acknowledges Charlie's request and says that CCAC will get back to Charlie.

Mike provides an update on how to create a study session with PSE. A CCAC sub-committee will be created to formulate questions. Jens, Steve, Mike, Derek (David as alternate) will comprise the CCAC sub-committee. There will be a meeting to plan. Leslie wants to be invited. Aim is to formulate materials and meet with PSE beforehand. Targeting a study session on Feb 21.

Action Item: Autumn will facilitate a discussion with the City to get appropriate folks to meet with the CCAC sub-committee and with PSE.

There is then a discussion about the best length for the study session.

Kevin provides an update on the efforts to consider the Green Building and Energy Fund. He recommends aligning with what Autumn has in her work plan: to use a pilot program to test the concept of a Fund, learn from that, understand more fully what people need - and how the IRA is going to work in WA state - and then decide if setting up a fund is appropriate/helpful.

Steve asks if we have any data about how many folks have oil furnaces or inefficient electric furnaces. Autumn and Mike say that we did do some estimates.

Action Item: Autumn will share the emissions inventory that was done in the run up to the CAP to get a rough sense of the number of fossil fuel-based heaters on the island.

Jens reminds the group that we are shifting the focus of the CCAC to enabling the work of Autumn.

Mike asks Leslie about an update on OPMA and the CCAC's request. Leslie has talked with the City Manager about it: her take is that being exempted from it is not going to happen.

Action Item: Mike asks Leslie that we have a formal discussion with the City Manager; we, as a committee, made a recommendation; the City Manager said he would get back to us: Leslie will go through the process to get this added to the agenda.

Mike reminds us that Clarissa from REAC could not come to the last meeting and would like to come back in January.

Action Item: Mike will reach out to Clarissa, and he will get REAC and Clarissa added to the agenda for January.

Mike revisits the issue of expanding the size of CCAC to take in members of the Sustainable Transportation Committee. Autumn reminds us that there is a plan to hire a Sustainable Transportation analyst who will report to Autumn. Mike seeks clarifications from Leslie about how many members would potentially be added.

Action Item: Autumn is going to come back in January with more details about her plan for the analyst.

Autumn provides a set of updates. EcoAdapt Adaptation Certification Tool. ETIPP - scope of work has been finalized; there is now a page on the website about it; there will be a public webinar Jan 12. Fair & Pure - GHG inventory and sustainable transportation. Fleet electrification - negotiating scope of work. Electrical vehicle car share program. Home compostable vendor fair. Two weeks to the plastics ordinance. Annual CAP progress report and one-pager.

Motion to adjourn by Deb. Seconded by Kevin.

Meeting adjourned at 5:04 pm.

Co-Chair

Date

Bainbridge Island City Council Study Session on February 21st with Puget Sound Energy, Climate Change Advisory Committee, and Utility Advisory Committee (January 14th, 2023, Draft)

Purpose of Study Session

The purpose of the City Council Study Session is to share information and discuss how the City and PSE can work together to achieve the goals of the Bainbridge Island Climate Action Plan (CAP) that was approved by the City Council in November 2020.

More specifically we envision that:

1. PSE understands the challenges in meeting the goals of the CAP and identifies specific actions for how the City and the broader Bainbridge Island Community (hereafter 'Community') can support PSE in reaching their Clean Energy Transformation Act (CETA) goals.
2. The Community is informed about ongoing and future activities and learns how Bainbridge Island can help PSE in reaching the CAP and CETA goals.
3. Inform City Council and City staff about ongoing and future activities and projects.

Date/Time/Location

Tuesday February 21st

6:00 pm

City Council Chambers

Need for Study Session

The CCAC and City's work has shown that providing electricity that is carbon free is a central component of both mitigation and adaptation goals for our Community. The first step in creating the CAP was the development of a community greenhouse gas emissions (GHG) inventory. The inventory indicated that residential and commercial electrical use contributed about 51% of total Community GHG emissions.

The CAP discussed the importance of reducing electrical demand, increasing the use of clean renewable energy, and preparing our Island from the impacts of climate change. Specifically, the CAP set the following goals:

1. Eliminate carbon-based energy sources from all energy sectors by 2040.
2. Increase energy conservation and efficiency throughout the planned and existing built environment, including customer-owned generation.
3. Create energy self-sufficiency for emergency preparedness and increase energy infrastructure reliability and resilience in light of the changing climate (e.g. by 2030, half of the Bainbridge Prepares disaster hubs have installed 6-20kW solar arrays and storage for resilience).

Proposed Format

- The Study Session participants would include City Council members, three members from the CCAC, two members from the UAC, City staff, and PSE personnel.
- The City Council, CCAC, UAC, and City Staff will provide topic areas and questions in advance of the Study Session to PSE and ask PSE to respond in writing prior to the Study Session.
- Also, if PSE has topic areas or questions for COBI they could ask them in advance of the Study Session.
- After development of the questions, we would meet with PSE to determine together which topic areas and questions we would like to discuss in more detail at the Study Session and which topic areas and questions we would ask PSE to develop written responses. We have limited time for the Study Session and cannot go over all of the topic areas.
- At the Study Session, PSE would have 5 minutes to present information relevant to each topic area and then there would be an opportunity to ask clarifying questions and have a discussion on the topic area.

Proposed Questions by Topic Area

We have broken the questions into several topic areas. We will likely only be able to fully address a subset of the questions below during the Study Session but request that PSE provide written answers to all the questions prior to the Study Session.

Status of PSE Franchise and Partnership Agreements (sections 3.B.1.a, 3.B.1.b, 3.B.1.c, and 3.B.1.e in CAP)

- When does PSE anticipate the Franchise/Partnership Agreements will be completed and is there anything we can do to speed up its adoption?
- What are the changes from the last Franchise Agreement?
- What are the latest reliability metrics for Bainbridge Island (e.g., System Average Interruption Duration Index and System Average Interruption Frequency Index)?

Clean Energy Transformation Act (CETA) (sections 3.B.1.a and 3.B.1.b in CAP)

- What are PSE's plans to meet the CETA goals? What is the timeline?
- What challenges does PSE see in meeting the goals of CETA?
- What can Bainbridge Island do to help PSE meet the CETA goals?

Equity (sections 3.A.2.a and 3.A.2.b in CAP)

- How can the City and PSE work together to ensure lower income households have priority in access to energy conservation and demand response management programs?

Status of Demand Response Management (DRM) and Energy Conservation Programs (section 3.A.1.b, 3.A.1.c. and 3.A.2.a in CAP)

- What is the status of PSE's DRM and Energy Conservation Programs?
- What specific projects are included in PSE's DRM (e.g., smart thermostats and variable rates) and energy conservation programs?
- What are the anticipated outcomes from the project(s) in terms of demand reduction?

- What role can the City play to help promote and implement the DRM and energy conservation programs?
- What is the status of the PSE energy audit program for homes and businesses?

Installation of 3.3 MW Battery Energy Storage System

- What is the status of the battery storage project?
- Can the battery energy storage project be expanded to store more than 3.3 MW?

Ferry Electrification Program (section 4.B.3.a in CAP)

- What are PSE plans for providing power for the new hybrid ferries?
- What is the timeline of these plans?
- Does PSE anticipate any potential conflicts between DRM goals and supplying ferries, and how will these conflicts, if any, be managed?

EV Charging Stations Program (sections 4.B.2.d and 4.B.3.a in CAP)

- What is the status of PSE's EV charging station program on Bainbridge Island and specially the status of the two PSE charging stations by the post office?

Status of Community Solar (sections 3.B.1.b, 3.B.1.e, 3.C.1.a in CAP)

- Are there any Community Solar projects in the pipeline for Bainbridge Island?
- Knowing there is significant interest in the Community for community solar, how can Bainbridge Island work with PSE to create community solar opportunities?
- What suggestions does PSE have to ensure Bainbridge Island taxing districts (e.g., City, school, parks, and fire district) are competitive in developing proposals for Community Solar projects?
- For what level of locally generated energy (e.g. rooftop and community solar) will PSE enable net metering?

Resilience (sections 3.C.1.a, 3.C.2.a, 8.C.2.a and 8.C.2.d in CAP)

- Has PSE been working with the City on developing resiliency at the Island's 12 Emergency Preparedness Hubs?
- Does PSE have a long-term plan for undergrounding and if so, what is it?