



CLIMATE CHANGE
ADVISORY COMMITTEE
SPECIAL MEETING
WEDNESDAY, DECEMBER 14, 2022
4:00 PM
COUNCIL CONFERENCE ROOM
280 MADISON AVENUE N
+ ZOOM WEBINAR

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

**MEMBERS OF THE PUBLIC WILL BE ABLE TO ATTEND AT
CITY HALL OR CALL IN TO THE ZOOM WEBINAR**

PLEASE CLICK THE LINK BELOW TO JOIN THE WEBINAR:

[HTTPS://BAINBRIDGEWA.ZOOM.US/J/84798632192](https://bainbridgewa.zoom.us/j/84798632192)

TELEPHONE: 1-253-205-0468

WEBINAR ID: 847 9863 2192

AGENDA

- 4:00 Call meeting to Order/Roll Call/Accept of Modify Agenda/Conflict of Interest Disclosure
- 4:05 Approve November 16, 2022
- 4:10 Public Comment
- 4:15 Updates
- PSE City Council Study Session (Mike)
 - Clean Energy and Building Fund (Kevin)
 - OPMA (Leslie/Kirsten)
 - REAC Recommendations on Zero Emissions Project (Mike)
 - Other (All)
- 4:45 Climate Officer Updates and Questions (Autumn Salamack)
- Annual Progress [Report](#) for Climate Action Plan
- 5:00 Adjourn

Materials

1. November minutes
2. PSE City Council Study Session

Climate Change Advisory Committee
November 16, 2022

Action Minutes

Meeting called to order at 5:35 PM by David.

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

Modify agenda? Yes. Adding three items: questions for PSE, updates on conversations with schools, and OMPA status check.

Conflict of interest disclosure? None.

Approve last month's minutes? Julie moves to approve. Seconded by Mike. Approved.

No guests.

Autumn updates the group on numerous items. Submitted application for a BRIC Grant for studying sea level rise and potential adaptation strategies.

ETIPP. Autumn explains that there is a meeting on Friday to finalize the scope of work. Once it has been agreed upon, the next step will be community outreach starting in December.

Action Item: Autumn will be sharing the scope of work document for ETIPP with everyone.

Last week the City approved the EV charging requirements ordinance for new commercial and multi-family buildings; this will apply to any new buildings after January 1, 2023.

Single use plastics regulations are going into effect on Jan 1. The business ambassadors have been going out into the community. Hannah has been doing lots of work to document (in English and Spanish) how to comply and to provide examples of compliant containers. December 12 - there will be a vendor fair. Lots of questions. Deb recommends that Autumn contact Bainbridge Disposal. Autumn has tried.

Fleet electrification. Sent out requests for qualification. Aiming to identify a vendor by the end of the year. Negotiating a scope of work. Looking at what can be phased out and by when. Starting to look at the vehicles themselves and what needs to happen for physical support. Part of that scope would include installing a fast charger at the Senior Center.

Solar and battery energy storage at disaster hubs. Council has approved adding solar panels at the Senior Center. Also want to do a pilot program for battery storage at Hyla.

Autumn is working with city staff and a graphic designer to create a public-facing annual report on the Climate Action Plan.

Action Item. Julie offers to review the report; Autumn says she would welcome the input.

Autumn has been leading the efforts to move forward with using the Climate Change Adaptation Tool or something similar, which was a specific recommendation of the Climate Action Plan.

Action Item. Autumn asks for help to assess these kinds of tools; Mike volunteers to help by December 2.

Mike addresses the proposal to have the Sustainable Transportation Plan (STP) Committee join the CCAC.

OPMA - Leslie adds that the City Manager is not inclined to change how the committees deal with OPMA.

We are being asked to do this. Group agrees that we should add two to bring the total to 11.

Action Item. Blair will handle the mechanics of the merger.

David returns to the topic of the City-approved EV charging requirements ordinance for new commercial and multi-family buildings.

Mike raises the topic of secretary for the CCAC; he acknowledges that Kevin has volunteered and has captured minutes from the last two meetings and that Derek has volunteered to do that in December; he also thanks Deb for doing it for two years.

Mike raises the topic of REAC's Recommendations of Zero Emissions Project. Clarissa was not able to attend. Mike suggested that she come back in December.

Kevin discusses the topic of the Green Energy Fund. Want to support the pilot program to test the concept - this is what Autumn has proposed for next year in her action plan.

Mike raises the topic of doing a study session with PSE at a Council session. Kirstin says that the Council discussed it last night and that they gave the nod to having PSE do the session and have CCAC formulate a set of initial questions.

Action Item. Mike asks that the committee form a sub-group to draft a set of questions. Jens and Kevin offer to help Mike formulate questions.

Leslie stresses that there is a lot of concern in Kitsap County about PSE and about their ability to make the necessary changes to properly support rapid electrification.

Deb and Mike met with the schools. Lots of activity. Hannah continues outreach with Ordway.

Mike and Hannah are going to the Senior Center tomorrow. .

Autumn and Hannah are going to Rotary to talk about the Smart Challenge.

Mike asks if we should start at 6:00 instead of 5:30. Group consensus is to leave it as it is.

Deb alerts the group that Maureen, the hydrologist, left. So, she does not know where things stand with the Groundwater Plan Subcommittee stands.

Action Item: Kirsten says she is going to ask the Council to hire a consultant to help finish the plan.

Jens suggests that we extend the Bike Survey.

Action Item: Autumn says she will take that back to the city.

Action Item: Julie offers to provide feedback on the Bike Survey.

David raises the issue of attending the next meeting in December.

Action Item: David to send around an email to see when folks can attend.

Derek moves to adjourn. Julie seconds.

Co-Chair

Date

Proposal for Bainbridge Island City Council Study Session with Puget Sound Energy, Climate Change Advisory Committee, and Utility Advisory Committee (December 7th, 2022)

Proposal: Schedule a City Council Study Session and invite Puget Sound Energy (PSE) to attend along with a subcommittee comprised of members from the City's Climate Change Advisory Committee (CCAC), Utility Advisory Committee (UAC), and city staff. A session has been scheduled for February 14th, 2023.

Purpose of Study Session: The purpose of the City Council Study Session is to discuss how the City and PSE can work together to achieve the goals of the Climate Action Plan (CAP). We had a similar joint study session with PSE, CCAC, and UAC on February 3rd, 2020 (see appendix A and appendix B for details of that session).

Rationale for Proposal

The CCAC and City's work has shown that providing electricity that is carbon free is a key 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 the 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. Specially the CAP set the following goals:

1. Increase energy conservation and efficiency throughout the planned and existing built environment, including customer-owned generation.
2. Eliminate carbon-based energy sources from all energy sectors.
3. Create energy self-sufficiency for emergency preparedness and increase energy infrastructure reliability and resilience in light of the changing climate

Desired Outcomes from Study Session

1. Discuss the status of the following or some subset of Island specific projects/programs and identify the next steps to ensure these projects come to fruition.
 - PSE Franchise and Partnership Agreements
 - Demand Side Energy Management program
 - Smart Thermostats
 - Battery Energy Storage System program including ferry electrification program
 - Green Power Solar Choice and Community Solar programs
 - Development of EV Charging Stations
 - Assist emergency preparedness hubs

- Increased reliability and resiliency.
- 2. Discuss how PSE plans to meet the Washington State Clean Energy Transformation Act (CETA)'s targets and the role PSE sees for Bainbridge Island in that transformation.
- 3. Discuss how PSE and the City can take advantage of the recently passed Inflation Reduction Act to meet the City's CAP goals.

Process

1. The City forms a subcommittee consisting of representatives from the CCAC, UAC, and City staff.
2. The City invites PSE to a City Council study session in late January or early February.
3. The subcommittee develops a set of questions that they will share with the City Council, City staff, and PSE prior to the study session.
4. The subcommittee meets with PSE representatives at least two times prior to the study session to discuss potential questions and an agenda for the study session.
5. Participants in the Study Session will include City Council members, subcommittee members, and PSE representatives.

Next Steps

1. Share proposal with City Staff and City Council members and get their approval to move ahead.
2. Form subcommittee.
3. Request PSE attendance at a specific Study Session.
4. Subcommittee meets with PSE to discuss specific questions and develop an agenda for the Study Session.

Appendix A: Agenda for February 3rd, 2020, Study Session

Joint Study Sessions with Climate Change Advisory Committee, Utilities Advisory Committee and Puget Sound Energy

Purpose: The purpose of the study sessions is to discuss issues that are important for the Climate Change Advisory Committee (CCAC) to understand as they develop the Climate Action Plan (CAP) and for the Utilities Advisory Committee (UAC) as do their work.

Date/Time/Location

Monday February 3rd

6:00 pm – 8:00 pm

Bainbridge Island City Hall

Agenda

6:00 – 6:10: Welcome/Introductions/Purpose (Mike Cox, CCAC Co-Chair)

6:10 – 6:20: Presentation - PSE's plan to achieve the WA State Clean Energy Transformation Act (CETA)'s targets and the role PSE sees for Bainbridge Island in that transformation (Jens Nedrud, Manager System Planning, Electric System Planning)

6:20 – 6:35: Discussion (All)

6:35 – 6:45: Presentation - Expected load growth on BI, key assumptions, and contributing factors (Jens Nedrud, Manager System Planning, Electric System Planning)

6:45 – 7:00 – Discussion (All)

7:00 – 7:10: Presentation - Options for energy conservation and demand response on BI & community outreach (Mark Lenssen, Supervisor Energy Management Engineering)

7:10 – 7:25: Discussion (All)

7:25 – 7:35: Updates (Heather Mulligan, Manager Customer Energy Renewable Programs and Therese Miranda-Blackney, Manager New Products & Services)

- PSE's green power and solar choice programs' revenue streams and state rules
- Renewable energy project development like community solar (also relates to PSE's recent RFI)

7:35 – 7:45: Discussion (All)

7:45 – 7: 55: Public Comments

7:55 - 8:00: Wrap-up and Next Steps

Appendix B: Next Steps from February 3rd, 2020, Joint Session

February 3rd CCAC/UAC/PSE Meeting: Next Steps (March 7th, 2020)

The Bainbridge Island Climate Change Advisory Committee (CCAC) and Utility Advisory Committee (UAC) had a meeting with Puget Sound Energy (PSE) on Monday February 3rd. The purpose of the meeting was to discuss issues that are important for the Climate Change Advisory Committee (CCAC) to understand as they develop the Climate Action Plan (CAP) and for the UAC as do their work.

The meeting was attended by seven representatives from the CCAC, two representatives from the UAC, and six representatives from PSE. There were also three Bainbridge Island City Council members present. There was discussion on five topics with 10 minutes of opportunity for public comments. Based on the discussions at the meeting, we are proposing several next steps.

1. Meet in late-March to discuss the possibility of using Green Power funds for Island projects

- Several committee and City Council members expressed a desire to explore the possibility of using the funds that Islanders contribute to PSE's Green Power.
- In line with social equity requirements set forth in WA State's new Clean Energy Transformation Act (CETA), equity in these programs will be of importance to gain Island residents' support.

Next Steps/Timeline

- Convene an in-person meeting (or by phone) with select CCAC members, City Council CCAC liaisons, and PSE representatives to discuss the potential barriers and opportunities.
- A goal is to convene meeting for late-March on Bainbridge Island.

2. Meet in early-April to explore battery storage strategies for the Island including how to ensure the 12 emergency hubs have power during emergencies.

- We discussed briefly the idea of "micro-grids" and touched on battery storage and PSE's plans to have up to 3 MW of power for peak loads and emergencies in batteries.
- We would like to explore the possibility of additional battery storage potential, possibly decentralized, and how this could work in conjunction with Bainbridge Island Prepares.

Next Steps/Timeline

- Meet in person in early to mid-April with CCAC members, Bainbridge Prepares personal, and PSE representatives to discuss battery storage technology and how we can work together to ensure the 12 emergency hubs have power generation capabilities.
- If it was deemed appropriate include some discussion at the mid-June public meeting.

3. Also, meet in early-April to discuss solar for homes and EV charging stations

- We talked briefly about these topics at meeting but we would like to explore these in more detail.
- We would like to learn about any programs where PSE can assist homeowners to obtain solar for their homes.

- We are also interested in exploring any programs where PSE could finance the installation of EV chargers.

Next Steps/Timeline

- Discuss at the same meeting discussed in item #2 above.
- We would discuss if it was possible to include this in the mid-June public meeting.

4. Public Meeting in Mid-June to discuss the PSE Energy Conservation and Demand Response Program on Bainbridge Island

- PSE has indicated they will be launching a new energy conservation and demand response program on Bainbridge Island.
- The goal is to decrease demand by 3.3 MW. This would require engaging a sizeable portion of the Community.
- We would like to work with PSE to prompt the program across the Island via our different organizations and partner with the City to meet the challenge of reducing demand.
- We would also like to explore the possibility of expanding the goal to decrease demand by a much greater amount to help with the CCAC climate action plan goal.

Next Steps/Timeline

- Meet in mid to late-March via phone to organize the public meeting.
- Hold the public meeting in mid-June.
- The purpose of the public meeting is to provide information to the Committees and public on the program and strategize how to prompt the program.

5. PSE Follow-up Questions

- Does PSE intend to continue and intensify their green power, solar choice, and local generation programs in the context of CETA to (partly) achieve CETA, or will these efforts continue as they are *in addition* to CETA?
- Do current UTC rules allow for IOUs to develop and administrate voluntary programs like the FIT or "donor models" for parts of their service territory?
- May CETA change any of these rules in the future?
- Would such voluntary program contribute to PSE's IRP or be in addition to it?
- What is the total PSE turnover for BI residents and businesses?
- What surcharge (in % on absolute \$\$) would be needed to provide meaningful financial incentives for local renewables generation on the island?
- How could this longer-term target impact PSE's shorter-term target to increase reliability by deployment of a centralized vs. decentralized battery solution?