



CITY OF
BAINBRIDGE ISLAND

Climate Change Advisory Committee
Regular Meeting
Wednesday, August 20, 2025
5:30 PM
Chamber Conference Room, City Hall
280 Madison Ave N
Bainbridge Island, WA 98110

The Climate Change Advisory Committee will hold this meeting
in person, in the City Hall Council Conference Room.
Attendance may be in person or the meeting is also accessible via the Zoom meeting platform.

Click to join Zoom: <https://bainbridgewa.zoom.us/j/91390380790>
Or Telephone: 1-253-215-8782
Webinar ID: 913 9038 0790

Agenda

5:30 Call meeting to Order/Roll Call/Accept of Modify Agenda /Conflict of Interest Disclosure

5:35 Approval of Minutes

- Approval of February 19 and June 18 meeting minutes

5:40 Public Comment

In person public comment is accepted currently on any topic of public interest. Each commenter will have three minutes, or such amount as the meeting chair determines, to speak. Public comment is not made on individual agenda items during the meeting. Public comment is simply received by the Climate Change Advisory Committee, with no response, and the Climate Change Advisory Committee cannot deliberate on items that are not on the agenda. The lack of comment is not an endorsement or a denial of the comment.

Please refer to guidelines and instructions for public comment, including orderly behavior and civility in remarks, attached below. Remote public comment is allowed with advance notice by 4:00 p.m. on the business day before the meeting to cityadmin@bainbridgewa.gov, provided that all remote commenters shall be required to display their true name and to keep their camera turned on to show their true uncovered face while delivering their comments.

5:45 Presentations

Sara Hetrick, Puget Sound Clean Air Agency

- Overview of the Comprehensive Climate Action Plan (CCAP), the connection to the State CCAP process, and how it aims to support local governments

Maurie Harbick, City Intern

- Progress to date on the effort to update EV charging code for multifamily properties

6:15 Discussion

Climate Action Plan mid-year progress report – Climate Manager

Review timeline for updating the Climate Action Plan – Climate Manager

Solar + battery storage grant and engagement plan – Climate Manager

ETIPP subcommittee – Kevin

- Climate Manager’s priorities
- Community solar, biodigester
- Interview with Sandia National Labs on 8/21 - Ray and Steve taking part

Public communications going out about expiring tax credits – Climate Manager

New dates for farmers market outreach – Climate Manager

- Need help Saturday 9/6 and 9/27. Laura will attend 10/11
- Part of engagement for Climate Action Plan update

7:00 Adjourn

Attachments

- February and June minutes
- Climate Manager updates
- Draft mid-year progress report



Public Comment

Members of the public are encouraged to submit public comment to the City Advisory Committees. Interested parties may provide comment by:

- Emailing the [committee members](#). This comment may be submitted at any time.
- Providing in-person comment at a meeting.
- Providing comment at a meeting via Zoom, in accordance with the advance notice and camera requirements.

Members of the public who wish to provide public comment in-person at a meeting should sign up to speak on the sign-in sheet. The Chair will call the people signed up on the sign-in sheet, and speakers will have three minutes (or such other time set by the Chair) to speak. The Chair or a designee will indicate when the time has elapsed.

Remote public comment is allowed with advance notice to the City by noon on the date of the meeting at cityadmin@bainbridgewa.gov, provided that all remote commenters shall be required to display their true name and to keep their camera turned on to show their true uncovered face while delivering their comments.

Guidelines for public comment are below. These guidelines were established for and approved by the City Council and also apply to all advisory boards, committees and commissions of the City Council.

Excerpts from the Governance Manual regarding public comment:

5.6 Respect and Decorum

It is the duty of the Presiding Officer and Councilmembers to maintain dignity and respect for their offices, City staff, and the public. While the Council is in session, the Councilmembers shall preserve civility, order and decorum. No member of the public shall, by conversation or otherwise, delay, disrupt, or interrupt the proceedings of the Council, nor engage in any of the prohibited behavior described below. Councilmembers and the public shall obey the proper orders of the Presiding Officer of the meeting.

5.6.1 Orderly Behavior and Civility in Remarks

Any person disrupting the business of the Council, either while addressing the Council or attending the proceedings, shall be asked to leave, or be removed from the meeting. Continued disruptions may result in a point of order by the Presiding Officer or a Councilmember pursuant to the Council's parliamentary rules, or a recess, forced removal, or adjournment as described elsewhere in this manual. Disruptive behavior includes, but is not limited to, the following:

- a) Speaking without being recognized by the Presiding Officer.
- b) Continuing to speak after the allotted time has expired.

- c) Speaking on an item at a time not designated for discussion by the public of that item, such as speaking on a quasi-judicial item at a time other than during a public hearing or closed record proceeding on the matter.
- d) Throwing objects.
- e) Speaking on an issue that is not a public topic, in violation of Section 9.12.2.
- f) Speaking in favor of or in opposition to a ballot proposition or a candidate for public office, provided, that public comment is allowed when the City Council is considering taking a collective position in favor of or in opposition to a ballot proposition as authorized in RCW 42.17A.555.
- g) Impersonating a City Councilmember or a member of the City staff.
- h) Shouting or otherwise engaging in loud or boisterous behavior.
- i) Continuing to make repetitive remarks after being requested not to do so by the Presiding Officer or a majority of the City Council.
- j) Attempting to engage the audience rather than the Council, e.g., asking audience members to stand, clap, boo or otherwise express collective support or opposition to any matter.
- k) Booing, hissing, or otherwise disrupting the comments of another speaker.
- l) Using racial slurs or other slurs directed at the color, creed, religion, ancestry, gender, sexual orientation, gender expression or identity, national origin, citizenship or immigration status, or mental, physical, or sensory disability of any individual or group, under circumstances where such words constitute “fighting words” under constitutional law.
- m) Refusing to modify conduct after being advised by the Presiding Officer that the conduct is disrupting the meeting or disobeying any other lawful order of the Presiding Officer or a majority of the City Council.

5.6.2 Permission Required to Address the Council

Persons other than Councilmembers and Administration shall be permitted to address the Council only upon recognition and introduction by the Presiding Officer of the meeting.

9.12.2 Subjects – Whether or Not on the Current Agenda

Public comments received during the public comment period may be on any public topic, whether or not on the agenda, but a comment on the subject that is covered by a public hearing at that meeting must be made during the period of the public hearing. All public comments shall be made consistent with Section 5.6.

9.12.3 Use of Microphones

Comments shall be made directly into the microphone, as it is necessary for the public record and for the audience to hear all proceedings. No comments shall be made from any other location.

Climate Change Advisory Committee
Regular Meeting Minutes
Wednesday, February 19, 2025

The meeting was called to order at 5:37 pm.

Roll Call

In person: Committee members Julie Matthews, Ray Victurine, Kevin Thomas, Jens, Michael Cox and Council Liaison Joe Deets

Online: Committee member Steve Richard and Council Liaison Kirsten Hytopoulos

Absent: Committee members Derik Broekhoff, Mike Kleeman

Approval of Agenda / Conflict of Interest Disclosure

Public Comment

Bill Dowey - spoke about microgrid.

Joe Deets - Glad to be back.

Subcommittee will meet to discuss Comprehensive Plan

- Will consider microgrid suggestions

Electric Hand tools

- Memo will be finalized and included in the Council packet
- Want to include ideas on outreach
 - City to take the lead
 - Race Equity Advisory Committee and Climate Change Advisory Committee to be available
 - Have developed a list of landscapers for potential outreach
- Rebates can introduce complexity
- Recommendations to start with leaf blowers and phase in others later
- Timing depends on outreach - include outreach to community
- Received a public comment to their Climate Change Advisory Committee emails - still reflecting on the input
 - Confirm if the city will continue to retain gas-powered leaf blowers
Per Public Works, have some gas-powered leaf blowers
- Confirm that timing has been removed
- Address if tech works in wetter climate
- Equity
- Concerns about off-island businesses being eligible
- Concerns about this project

Climate Change Advisory Committee
Regular Meeting Minutes
Wednesday, February 19, 2025

- Move to approve memo for submittal with confirmed facts

FoodCycler

- Michael - questions efficacy. Require disposable - look at costs and benefits
- Michael to take lead - would like to submit questions to company
 - Provided email to subcommittee
- Form a subcommittee of Michael, Julie, Steve - comments for April
 - Sent Wirecutter article to Julie - Done
- How many residents put their food waste in the green bin? What happens to the green waste?

DRAFT

Climate Change Advisory Committee

Regular Meeting Minutes

Wednesday, June 18, 2025

Minutes

The meeting was called to order at 5:30 pm.

Roll Call

In person: Committee members: Kevin Thomas, Jens Boemer, Mike Cox, Steve Richard, Julie Matthews, Ray Victurine, Council Liaison Kirsten Hytopoulos City Staff: Ellen Schroer

Absent: Committee members: Sanjay Bhat, Derik Broekhoff, Michael Kleeman, Council Liaison Joe Deets

City Staff: Ellen Schroer, Deputy City Manager

Approval of Agenda / Conflict of Interest Disclosure

Request that agenda be amended to include Puget Sound Energy Green Power in the ETIPP discussion and hear an update on new Climate Change Advisory Committee members.

No new conflicts of interest were disclosed.

Public Comment

No public comment provided.

Farewell

Jens Boemer and Julie Matthews

Regular Business

Approval of Minutes

Minutes from last month were not available. Deputy City Manager Schorer provided instructions and action minute template that can be used for future meeting minutes.

Kicking Gas Meeting Debrief

Heat pump pilot project- Eight units have been installed, four in progress and seven more in the pipeline. 19 total in the pilot. The contract was extended for 60 days to allow completion. Kevin will invite Kicking Gas to next CCAC meeting and explore possibility of them doing something similar for induction stoves, solar power and more heat pumps

Climate Change Advisory Committee

Regular Meeting Minutes

Wednesday, June 18, 2025

Groundwater Management Plan Status

The initial draft received lots of comments. Climate Action Advisory Committee, in collaboration with other committees, suggested the plan be more specific and include criteria for how to prioritize projects. Next draft for public comment is expected in mid- July.

ETIPP report moving forward

Subcommittee will turn the ETIPP report recommendations into actionable items and figure out how to involve the public. The subcommittee will also discuss how to include Puget Sound Energy in the green power discussion and actions. The subcommittee is Kevin, Mike, Steve, and Ray.

Inter-County Climate Partnership

Next meeting is June 26.

Climate Manager Update

Deputy City Manager Schroer presented an update (Climate Manager Ryser absent).

Leaf Blower Ordinance

City Council supports the ordinance in concept but paused work on the ordinance to provide time for additional considerations. The committee stressed the importance of community outreach and equity considerations.

Solar and battery storage

Grant received from State Dept of Commerce- for 3 City facilities- will consider ETIPP recommendations. RFP is in the works.

Solarize public campaign

Campaign with Olympic Community College to reduce costs and simplify installation through education and aggregating demand.

UW Intern

Starts June 15 to work in part on the electrical vehicle code for multifamily

Climate Change Advisory Committee Member update

New member appointed. Bill Dowey to start in July, Ray Victurine reappointed. Climate Change Advisory Committee is now only 8 members. Four members is a quorum.

Climate Change Advisory Committee

Regular Meeting Minutes

Wednesday, June 18, 2025

Updating Climate Action Plan

Community engagement opportunities discussed.

E-Bike Voucher program

Voucher amount varies with income. Applications close June 27.

Kitsap County Solid Waste Advisory Committee

Climate Manager Rýser serves on it. It will be discussed at the July 15 Council Study Session.

Greenhouse Gas inventory update

Still in progress - hopes for a draft in the fall. Using 2013 data.

The meeting adjourned at 6:45 PM.

DRAFT

CCAC Action

Review and write memo in support of progress report

CAP Overview

3 Goals

1. Mitigation

90% reduction in greenhouse gas (GHG) emissions by 2045 compared to 2014 levels.

2. Adaptation

Bainbridge Island is climate savvy, and can withstand the impacts of climate change.

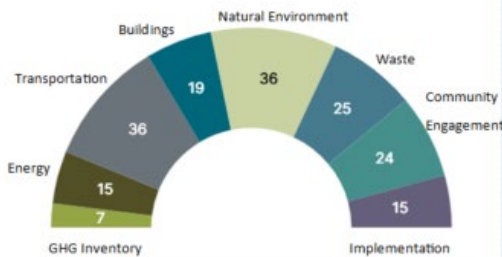
3. Community Engagement

COBI inspires community action and partners with local and regional organizations to take meaningful and equitable climate change mitigation and adaptation actions.

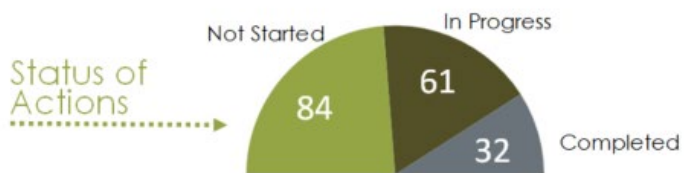
8 Sections

1. GHG Inventory
2. Energy
3. Transportation
4. Buildings
5. Natural Environment
6. Waste
7. Community Engagement
8. Implementation

Actions per Section



Status of Actions



177 Total Actions

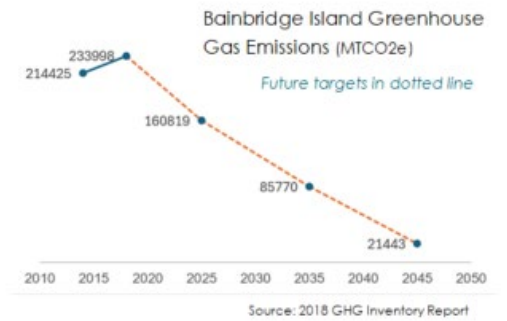
79 Priority Actions

30% Priority Actions Completed

Progress Towards CAP Targets - Data Snapshot



Target - Reduce greenhouse gas emissions by 90% by 2045 compared to 2014 levels with interim milestones of 25% reduction by 2025 and 60% by 2035 compared to 2014 levels.

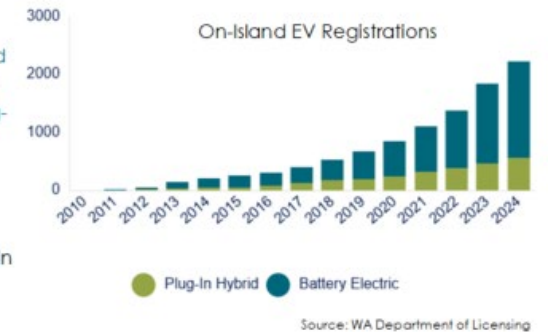


What do we know?

From 2018 emissions, a 63% reduction is needed to reach the 2035 goal.



Target - By 2045, 80% of registered vehicles on Bainbridge Island will be either electric vehicles or plug-in hybrid electric vehicles.



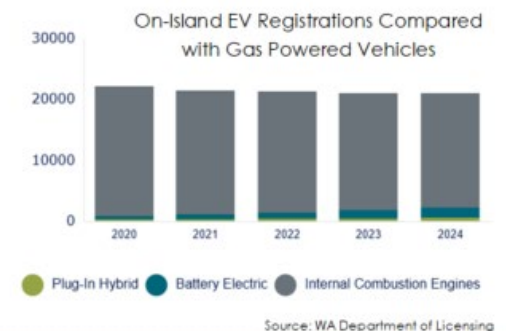
What do we know?

On-Island battery electric EV registrations has increased 916% in the last 10 years.



What do we know?

Battery electric EVs represent 8% of total on-island vehicle registrations. Plug-in hybrid EVs represent 3% of total on-island vehicle registrations.



Priority – Ensure equitable climate action

- Focus on Frontline communities
 - Populations that experience the initial and most severe impacts of climate-related hazards and environmental injustices
<https://cig.uw.edu/learn/inequities-in-climate-impacts/>
 - Communities of color, indigenous communities, immigrant and refugee community members, people with lower incomes, people with limited physical mobility, older and younger community members
- Emphasize co-benefits

Example Dimensions of Vulnerability

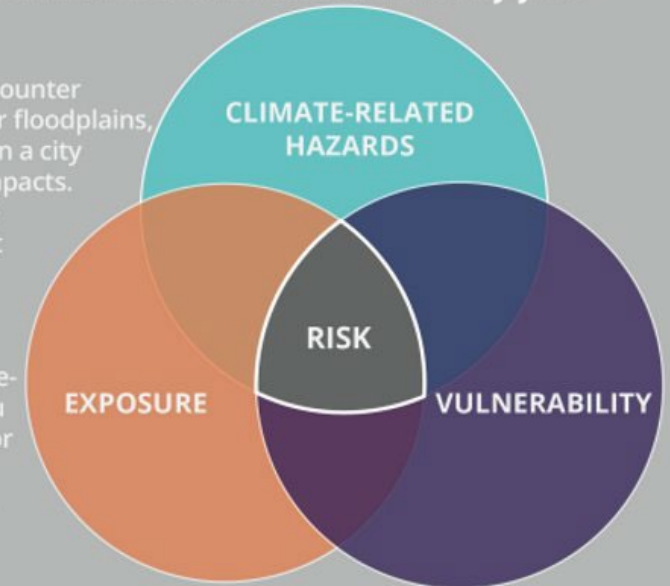
- Loss of employment
- Injuries that lead to a disability or chronic health problems
- Access to healthcare
- Isolation
- Mental health
- Housing conditions



The risk you face from climate-related events is determined by your exposure and vulnerability.

EXPOSURE is your likelihood to encounter climate-related hazards. Living near floodplains, at the wildland-urban interface or in a city exposes you to different climate impacts. Your place of employment can also increase your exposure to different climate-related hazards.

VULNERABILITY is your ability to withstand and recover from climate-related hazards. For instance, if you are low-income, have poor health or lack insurance it can be harder to recover from hazards like flooding, heat waves, or wildfire.





Anticipated Changes to Plan

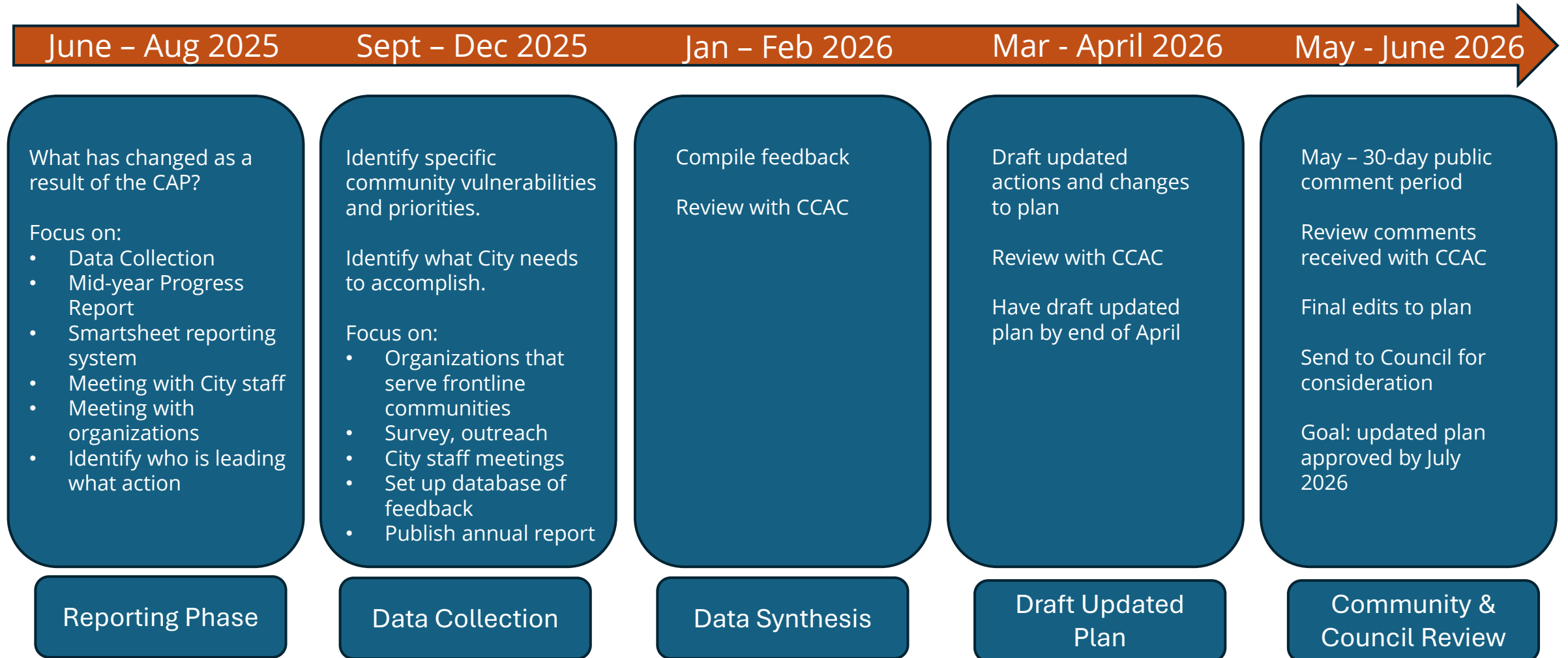
Structure

- Separate out municipal from community actions
 - Identify what orgs are contributing to actions
- Align actions under 3 goals, call out mitigation from adaptation/resilience
- Simplify naming convention
- Consolidate actions
- Use icon to delineate community identified priorities
- Think of plan as a two-year work plan that follows biennial budget
- Update targets
- Identify indicators for targets + build data visualization
 - Capacity - Do we have the resources we need to do this work?
 - Process - What is being done, spent, and how?
 - Outcome - Are we building the climate resilient island we want and need?

Topics

- Beyond land acknowledgement, statement for upholding Tribal treaties
- BIPOC organizations and communities
- Circular economy
- Decarbonization framing
- Youth climate leadership
- Public EV charging (vs. employee, fleet)
- Energy use intensity in buildings
- Nature based climate solutions + absorbent landscapes

Timeline



MZ Solar Consulting - Scope of Work

Task 1

Identify of up to two (2) priority sites serving as City-owned critical facilities and/or serving as community disaster hubs to receive a photovoltaic (PV) and battery energy storage system (BESS) evaluation and one (1) site to receive bid package.

Deliverable: Summary memo with recommendation for two (2) sites to receive an evaluation in Task 2.

Task 2

Evaluate at least two (2) sites and develop specifications for the installation of photovoltaic (PV) and/or battery energy storage system (BESS)

Deliverable: A feasibility analysis and report with evaluation of solar and/or battery energy storage potential at each site and a recommendation for at least one (1) site to receive a construction ready bid set and specification.

Task 3

One (1) site should be selected from Task 1 to receive a construction ready bid set and specifications, complete with cost estimates and specifications to be used in a future bid package.

Deliverable: Permit-ready bid package.

Engagement Plan

8/13/25

Stakeholder	Area of Interest	Engagement Method	Frequency
Climate Change Advisory Committee (CCAC)	Renewable energy	Bring workplan to the CCAC and solicit feedback on strategy	1x/month starting at August meeting Follow up towards end of project
Bainbridge Prepares	<ul style="list-style-type: none"> Disaster hubs Backup power Human wellness 	Invite to meetings with the engineering firm and include them on decisions	Frequently, as needed
Racial Equity Advisory Committee (REAC)	<ul style="list-style-type: none"> Racial equity Human wellness 	Bring workplan to REAC and solicit feedback on strategy	Begin at a fall meeting and then as requested Follow up towards end of project
Puget Sound Energy	Electric reliability	Provide updates and information on project status.	Beginning and end of project, during as needed.
Utility Advisory Committee (UAC)	Electric reliability	Bring workplan to UAC and solicit feedback on strategy	Begin at fall meeting and then as requested Follow up towards end of project
Bainbridge Island Parks & Recreation	<ul style="list-style-type: none"> Serving as a Disaster Hub Backup power Human Wellness 	Defer to their intent and wishes for moving this project forward on their property	From beginning to end and as much as is needed
Other Individual Site Location Managers	<ul style="list-style-type: none"> Serving as a Disaster Hub Backup power Critical City Facilities 	Defer to their intent and wishes for moving this project forward on their property	From beginning to end and as much as is needed
General Public	<ul style="list-style-type: none"> Human wellness Electric reliability 	Include updates in City Manager's weekly newsletter	From beginning to end and as much as is needed

Kicking Gas Heat Pump Subsidy Pilot

Grant just ended, used full award amount

Kicking Gas contacts on mailing list (who expressed interest): 134

Survey responses (to see if they qualify): 123

Kicking Gas event attendees (requirement to participate): 36

Installations (9 in works):

- Households with completed installations: 10
- Households with active installations: 2
- Household working through the financial package: 1
- Households with a verbal commitment to proceed to installation: 3
- Households who received a quote: 3

E-Bike Subsidy Pilot

Total applications: 105

Total # of vouchers awarded: 44

Total standard (\$300) applications: 35

Total standard vouchers awarded: 21

Total moderate-income (\$1000) applications: 17

Total moderate-income vouchers awarded: 14

Total low-income (\$1200) applications: 53

Total low-income vouchers awarded: 12

Kicking Gas Client Profile

- Client is in her 70s and earns less than mid-point of area income.
- Her home is in a rural corner of the Island, it is 2,000 square feet, built in 1901, and remodeled in the 70's.
- The home had previously had an oil furnace, which was replaced around 10 years ago with a wood stove heater and baseboards.
- However, even with the wood stove, the house is still very cold and as she is getting older, she can't continue using firewood.

"Yesterday the installation of the Mitsubishi heat pump went smoothly, all completed in one long day! From the top and bottom of my heart I would like to thank each of you, and the amazing, meticulous install crew, for making it all happen! I am so grateful 🙏❤️"

"My house immediately felt different; there's a palpable change in quality of air in transitioning from wood burning stove and baseboard heating to heat pump. It's also a huge jump forward in knowing that my carbon footprint is being reduced! We each cannot do enough at this point, with world climate change, to alter our course toward clean energy. (I also keep planting more trees!) This big step for me wouldn't have happened now, in this place and time, without your efforts, and I just can't thank you enough!"

Climate Manager Priorities

Update the CAP

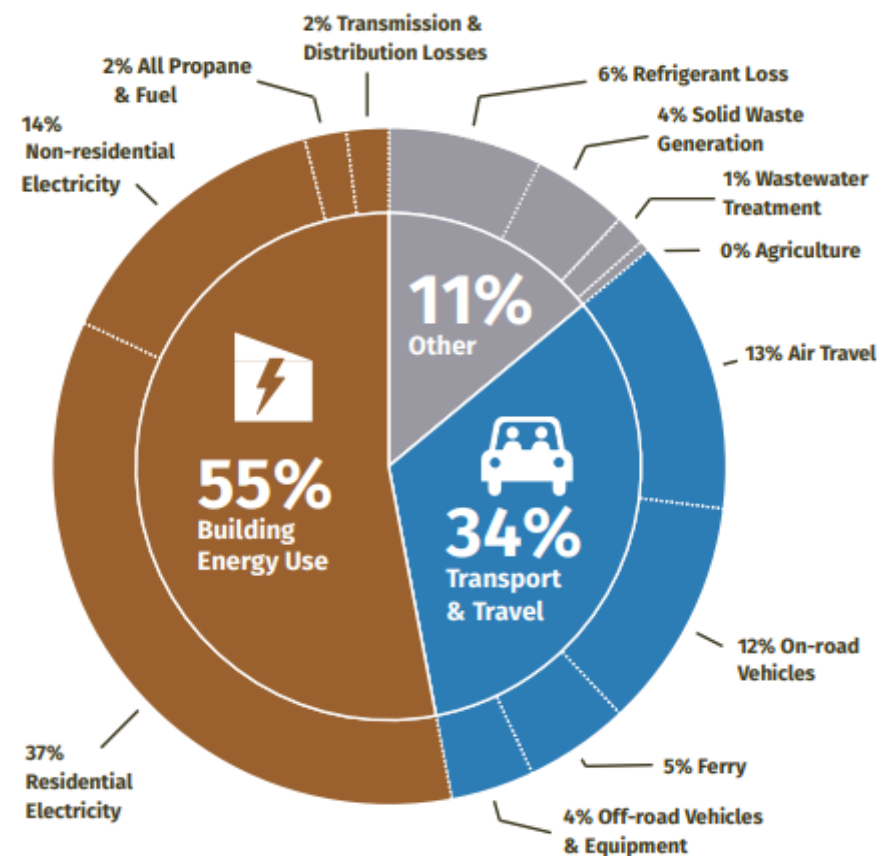
Mitigation priorities

Focus on two largest sources of emissions - built environment & transportation

- 1) Building decarbonization strategy
- 2) Public EV charging strategy
- 3) Non-motorized infrastructure & education

Adaptation/resilience priorities

- 1) Sea level rise + city assets
- 2) Disaster + resilience hubs
- 3) Wildfire preparations and protections



CCAC Action

Develop education materials for residential solar installations

----- Ideas -----

Public education on PSE solar products

Olympia Community Solar: Solarize Campaign

How To Solarize

Sign up online

- Assessment**
Your installer will schedule a solar assessment. Be sure to have a copy of your energy bill available.
- Quote**
Your installer will send a quote that includes payback period & total savings.
- Installation**
Installation date will be scheduled. The work generally takes 2-3 days.

↓ PSE Solar Products

Net Metering. Customer-generators offset their electricity consumption with solar energy production annually. If more energy is used than produced—or than is banked—during a given bill period, customers pay for the net purchase plus basic service charge.

⚡ ≤ 100 kW ☀️ Budget, available roof space, solar exposure and annual energy use are all important factors.
pse.com/netmetering

Solar Energy Credit. Use generated energy in real time and earn financial credits on each bill for excess energy exported to the grid. Financial credit for exported energy is shown on the electric bill, can offset any type of charges and do not expire. See webpage for current value of exported energy financial credit.

⚡ ≤ 1,000 kW ☀️ Maximize available space and economies of scale. When possible, interconnect where solar production hours align best with energy use.
pse.com/solarenergycredit

Multi-Occupant Solar. Install solar and use generated energy in real time at the primary meter. Then export excess, unused energy to the grid. Exported energy can be shared as a financial credit on designated occupant/tenant bills See webpage for current value of exported energy financial credit.

⚡ ≤ 1,000 kW ☀️ Maximize available space and interconnect behind high or low consumption meter depending on how much of the generated energy you want to share.
pse.com/multioccupantsolar

Schedule 91. Export all energy to the grid and get paid a set megawatt-hour price through a long-term power purchase agreement. Schedule 91 customers can also generate income by selling the renewable energy certificates (RECs) to PSE or REC brokers.

⚡ ≤ 5,000 kW ☀️ Maximize available space to reduce the installation's overall cost per watt.
pse.com/distributedrenewables

Community Solar Site Host. Lease underutilized roof or ground space for 15 years and PSE will build, own, and maintain a solar array. All energy is exported to PSE program subscribers, but the site host may count generation toward the building's EUI (energy use intensity). Site hosts receive annual lease compensation.

⚡ ≤ 5,000 kW ☀️ Solar array is connected directly to the PSE grid, without offsetting the site's energy use.
pse.com/hostanenergyproject

Climate Smart

Climate Smart Tax Credits are Ending Soon

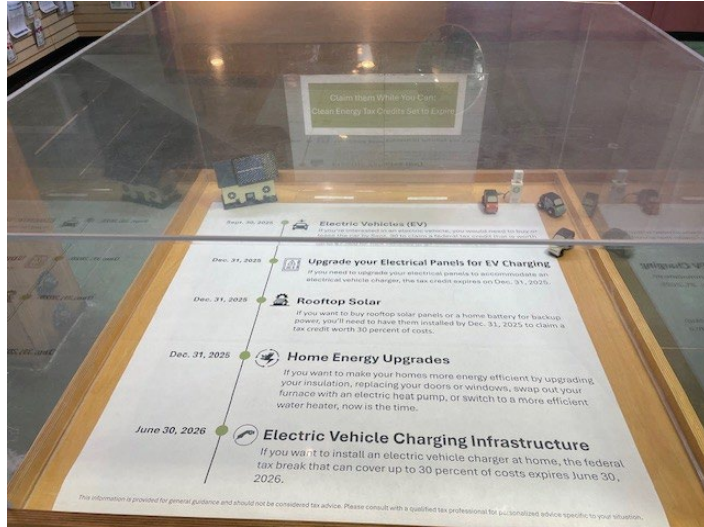


The City's Climate Manager, Laura Rýser, wants to remind islanders that key **climate-smart tax credits** are set to expire soon. If you've been considering upgrades to your vehicle, home, or building for energy efficiency or clean fuels, now is the time to take action and benefit from these tax incentives. Don't miss out on this opportunity to contribute to Bainbridge Island's clean-energy future!

Each step you take to reduce greenhouse gas emissions and enhance energy efficiency helps build a safer, healthier, and more sustainable community. To learn more about federal tax incentives, local programs, and community contractors, click [HERE](#).

Remember: Everyone's tax situation is unique. Please review the eligibility requirements on the IRS clean vehicle and clean energy websites and consult a tax professional to confirm your qualifications for tax rebates.

[Learn More](#)



<p>Find Out When Clean Energy Credits End Save Thousands on Energy Upgrades</p> <p>CREDITS EXPIRE STARTING THIS YEAR</p> <p>Home Energy Efficiency Credits Save Money on Energy Bills Now and for Years to Come.</p> <p>Heat Pumps: Up to \$2,000 Insulation: Up to \$1,200 Solar Upgrades: Up to \$600</p> <p>EXPIRES DECEMBER 31, 2025</p>	<p>EV Tax Credits Ending Soon Save up to \$7,500 on an EV</p> <p>EXPIRES SEPTEMBER 30, 2025</p>
<p>Home Energy Efficiency Credits Save Money on Energy Bills Now and for Years to Come.</p> <p>Heat Pumps: Up to \$2,000 Insulation: Up to \$1,200 Solar Upgrades: Up to \$600</p> <p>EXPIRES DECEMBER 31, 2025</p>	<p>EV Charger Tax Credit Save Up to \$1,000 for EV Charger Installation</p> <p>EXPIRES JUNE 30, 2026</p>

Act Now August

Ready to upgrade your vehicle, home, or building for energy efficiency and clean fuels? If you've been thinking about one or more of these initiatives, now is the time to act. Take advantage of these incentives before they expire and join us in building Bainbridge Island's clean-energy future. Learn more below:

Incentive	Rebate Value	Deadline
Electric Vehicles (EV)	Up to \$7,500 off a new EV	September 30, 2025
	Up to \$4,000 off a used EV	
EV Charging	Up to \$1,000 off EV charging infrastructure	June 30, 2026 (installed by)
Electric Heat Pump	Up to \$8,600 off an electric heat pump	December 31, 2025 (installed by)
Insulation, Electrification	Up to 30 percent of costs or \$1,200 in tax credits	December 31, 2025 (completed by)
Solar Panels	Up to 30 percent of eligible costs	December 31, 2025 (completed by)

Disclaimer: Everyone's tax situation is different! Please review details for credits on the [IRS clean vehicle and clean energy website](#) and consult a tax professional to confirm that you qualify for tax rebates.



CAP

Climate Action Plan Progress Report

January - July 2025



CAP Overview.....3
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Community Updates....6
Municipal Updates.....9

CAP Overview

3 Goals

1. Mitigation

90% reduction in greenhouse gas (GHG) emissions by 2045 compared to 2014 levels.

2. Adaptation

Bainbridge Island is climate savvy, and can withstand the impacts of climate change.

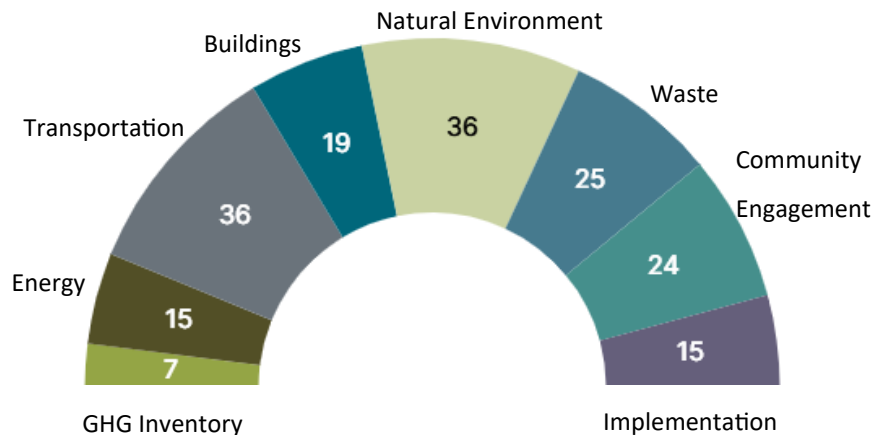
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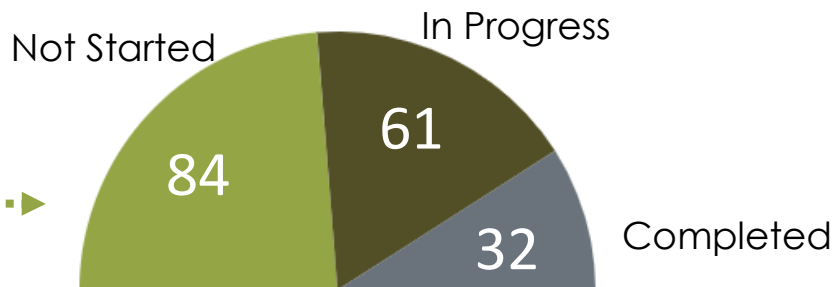
8 Sections

1. GHG Inventory
2. Energy
3. Transportation
4. Buildings
5. Natural Environment
6. Waste
7. Community Engagement
8. Implementation

Actions per Section



Status of Actions



177 Total Actions

79 Priority Actions

30% Priority Actions Completed

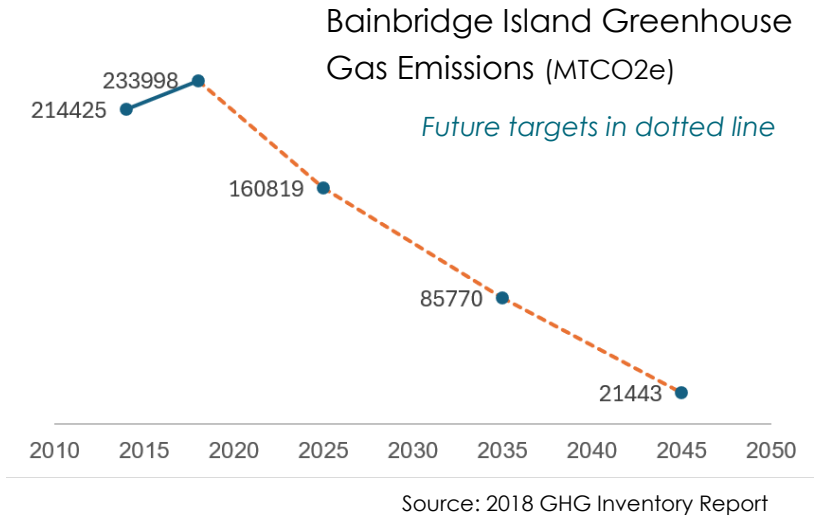
Progress Towards CAP Targets - Data Snapshot



Target - Reduce greenhouse gas emissions by 90% by 2045 compared to 2014 levels with interim milestones of 25% reduction by 2025 and 60% by 2035 compared to 2014 levels.

What do we know?

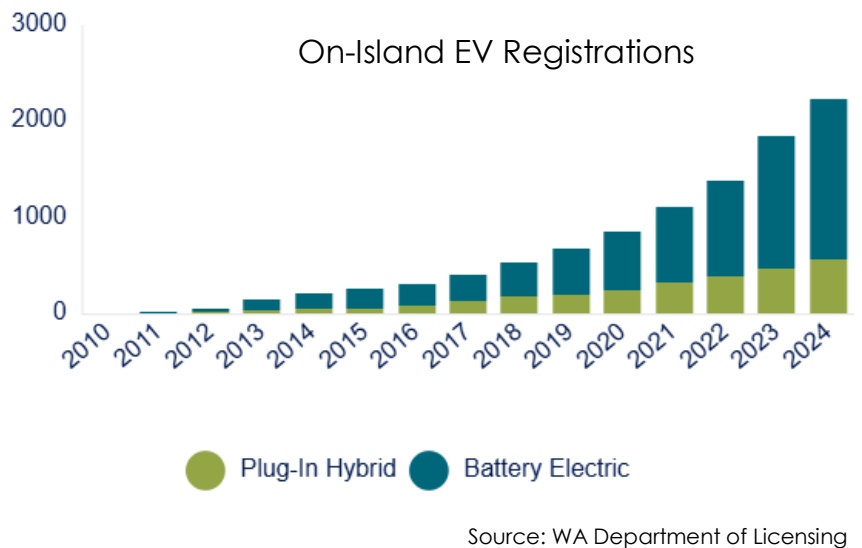
From 2018 emissions, a 63% reduction is needed to reach the 2035 goal.



Target - By 2045, 80% of registered vehicles on Bainbridge Island will be either electric vehicles or plug-in hybrid electric vehicles.

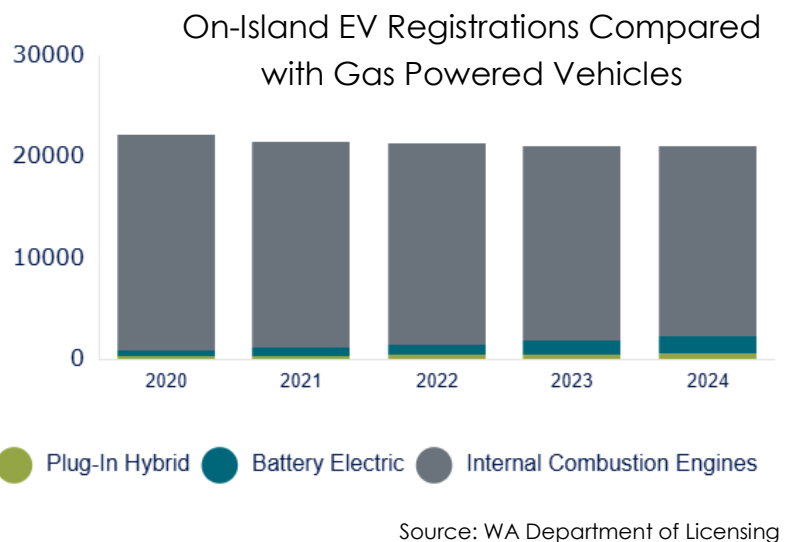
What do we know?

On-island battery electric EV registrations has increased 916% in the last 10 years.



What do we know?

Battery electric EVs represent 8% of total on-island vehicle registrations. Plug-in hybrid EVs represent 3% of total on-island vehicle registrations.



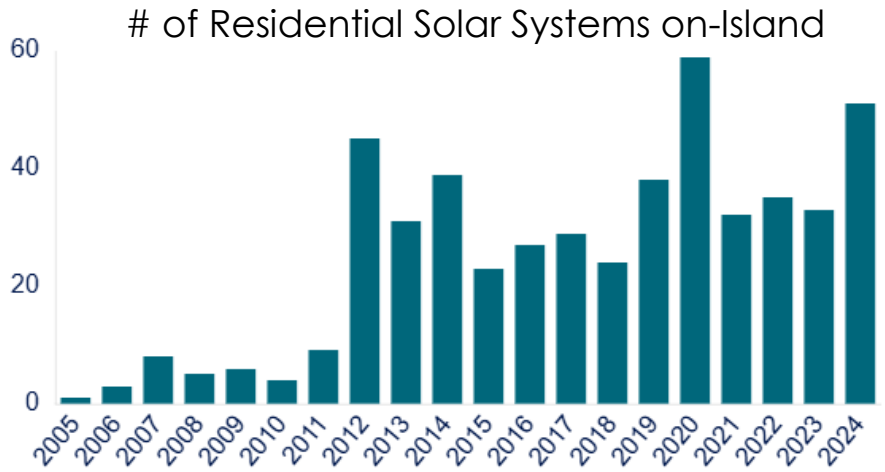
Progress Towards CAP Targets - Data Snapshot

Target - By 2040, all of Bainbridge Island's sources of electricity are carbon-free.



What do we know?

In 2024, on-island solar generated 2% of total energy used.

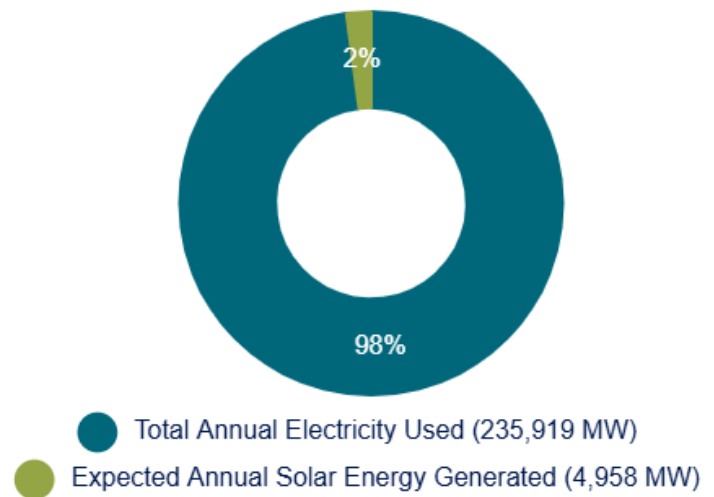


Source: Puget Sound Energy



What do we know?

As of 2024, there are 502 total residential on-island solar systems installed.

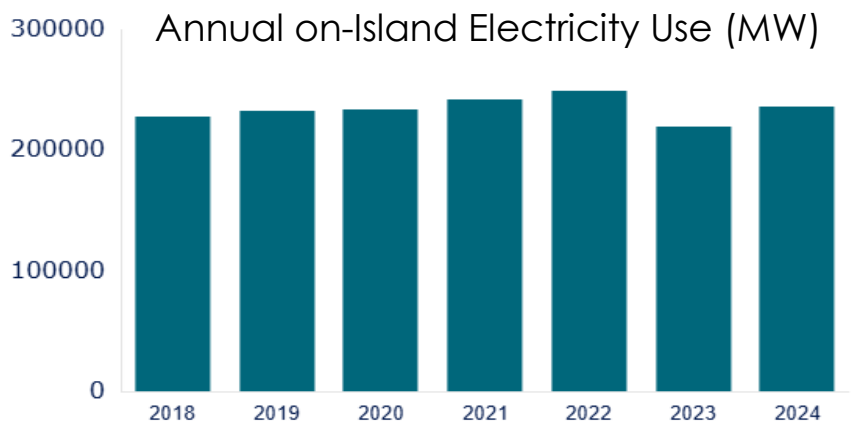


Source: Puget Sound Energy



What do we know?

Bainbridge Island's electricity usage has increased 3.5% overall since 2018.



Source: Puget Sound Energy

Updates for Community Focused Projects

January - July 2025

Research

Greenhouse Gas Inventory Update Underway CAP Action 2.A.2.a & 9.C.1.b

What is happening? Research is underway to update both the community greenhouse gas inventory using 2023 emissions data.

Why is this important? Greenhouse gas inventories let us know the source of emissions so that we can focus efforts to reduce that source of pollution.

What's next? The final report should be available by the end of 2025.

Transportation Study Underway CAP Action 4.A.3.b & 4.A.3.c

What is happening? A consultant has been hired to evaluate the feasibility of desired public transportation projects and provide implementation strategies.

Why is this important? Working with transportation experts ensures solutions are data-informed and evidence-based and will provide the City with needed information to work towards implementation.

What's next? The study should be completed by early Fall with a report on next steps.

Solar and Battery Storage Site Evaluation Underway CAP Action 3.C.1.a

What is happening? An engineering firm is being hired to evaluate the potential for solar panels and a battery back up storage system for critical City facilities and/or sites designed as disaster hubs.

Why is this important? The objective of this project is to increase the energy resilience and reliability at critical city facilities and disaster hubs in the event of prolonged power outages.

What's next? The firm will provide a feasibility analysis and report with evaluation of solar and/or battery energy storage potential at each site and a recommendation for at least one (1) site to receive a construction ready bid set and specification.

Bike Traffic Count Study Completed CAP Action 4.A.1.a

What is happening? The City periodically hires a consultant to count the number of cyclists at multiple intersections and what direction they travel over a period of time.

Why is this important? Understanding the volume of cyclists across the Island informs projects that upgrade the non-motorized transportation infrastructure.

What's next? The City will review data, share out with partners, and use as a resource for future transportation planning.

Updates for Community Focused Projects January - July 2025

Pilots

Kicking Gas Heat Pump Pilot Program Closing Out

CAP Action 3.A.2.a

3.A.2.b & 3.B.1.d

What is happening? This pilot was designed to offset costs for income-eligible households to replace a carbon emitting furnace with a high efficiency electric heat pump.

Why is this important? Many homes on Bainbridge Island rely on propane, oil, or wood for heat, impairing indoor and outdoor air quality. An electric heat pump provides cooling in the increasingly hot summers and filter out air pollutants such as wildfire smoke and mold. As the cost to install a heat pump is a barrier for many households, this pilot seeks to assess the need and support income-eligible households.

What's next? Upon completion of the pilot, a final report will be available by the end of 2025 that includes opportunities to scale the program based on funding availability.

E-bike Subsidy Pilot Program Launched

CAP Action 4.A.1.g

What is happening? A pilot subsidy program was launched to reduce barriers and encourage the usage of e-bikes.

Why is this important? The high initial cost of e-bikes can be prohibitive for low- and moderate-income individuals. Subsidies make e-bikes more affordable, enabling a wider range of people to access this option while improving transportation access, promoting environmental sustainability, and enhancing the health and well-being of communities.

What's next? Upon completion of the pilot, a report will be made available that includes opportunities continue the program based on funding availability.

Policy

Electric Vehicle Charging Infrastructure Code Updated

CAP Action 4.B.2.a

What happened? In 2022, the City implemented new regulations related to electric vehicle charging infrastructure. In 2024, the community requested a review of the regulations. In 2025, the City updated requirements to be in alignment with the State requirements and reduce the requirements due to challenges of compliance.

Why is this important? The City was responsive to feedback from the Climate Change Advisory Committee, residents and businesses that in a commercial setting, visitors tend to park for short times and that it's the employees that may be parked for longer periods of time. Policy for electric vehicle charging infrastructure should follow where charging primarily happens, such as at home or at your place of employment.

Updates for Community Focused Projects

January - July 2025

Infrastructure

Bike Corral Completed CAP Action 4.A.2.e

What is happening? The bike corral located along the street at Winslow green where bikes are locked. A mural chosen by the community through a survey was painted on the road surface.

Why is this important? This prioritizes using public space traditionally dedicated to cars for bikes and e-bikes and helps to manage sidewalk clutter.

What's next? The City is considering expanding the program to install additional bike corrals across the Island.



Plans

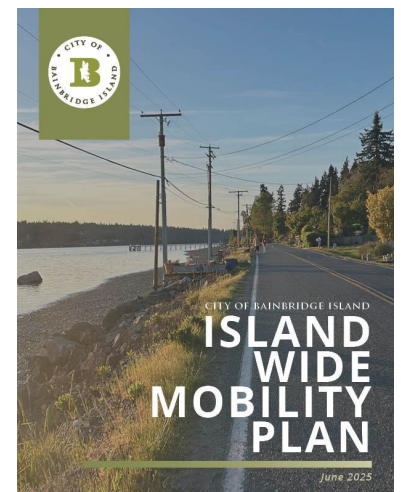
Island-wide Mobility Plan Adopted as Plan of Reference

CAP Action 4.A.1.a, 4.A.1.h, 4.A.2.a & 4.A.2.b

What is happening? The Island-Wide Mobility Plan (IWMP) combines and updates the information in the Island-Wide Transportation Plan (2017) and the Sustainable Transportation Plan (2022) and will serve as the reference document to the Transportation Element of the Comprehensive Plan.

Why is this important? The merging of the IWTP and STP is intended to simplify transportation planning efforts and improve transparency. By linking to the comprehensive plan, this strengthens the City's commitment to sustainable transportation.

What's next? The IWMP will be considered for full adoption as part of the Comprehensive plan update process.



Awards

City Awarded Bronze for Bicycle Friendly Community

CAP Action 4.A.1.a & 4.A.1.e

What is happening? The League of American Bicyclists awarded the City of Bainbridge Island as a Bicycle Friendly Community at the bronze level.

Why is this important? The League evaluates a community's engineering, education, encouragement, evaluation & planning, and equity & accessibility. The City

What's next? The City will continue to improve the safety of the Island's cycling network and move towards an application for a silver and then gold certification.



Updates for Municipal Focused Projects January - July 2025

Research

Greenhouse Gas (GHG) Inventory Update Underway CAP Action 2.A.2.a & 9.C.1.b

What is happening? Research is underway to update the City's greenhouse gas inventory using 2023 data. Example data collected includes amount of electricity used at each City facility, number of miles employees commute, and amount of propane purchased.

Why is this important? Greenhouse gas inventories let us know the source of emissions so that we can focus efforts to reduce that pollution.

What's next? The final report should be available by the end of 2025.

Policy

Commute Trip Reduction Ordinance 2025-11 Updated CAP Action 4.A.1.a

What is happening? This administrative update better aligns the City's ordinance with the County's CTR 4 year plan.

Why is this important? Washington State's Commute Trip Reduction (CTR) Law was first passed by the State Legislature in 1991 with goals to improve air quality, reduce traffic congestion, and reduce the consumption of petroleum fuels through employer-based programs that encourage the use of alternatives to driving alone. The 2018 GHG inventory shows that 8% of all City greenhouse gas emissions come from City employee commutes. The City offers incentives to reduce driving alone and to switch commute trips to a sustainable mode.

Infrastructure

Installation of Fleet Electric Vehicle Charging Completed

CAP Action 4.B.1.b

What is happening? The City was awarded a WA State Department of Commerce grant to install 6 level 2 electric vehicle charging ports at two City locations for fleet vehicle charging.

Why is this important? This grant supports the city's effort to convert its fleet to electric while aiming to reduce greenhouse gas emissions and improve air quality.



Updates for Municipal Focused Projects January - July 2025

Capacity Building

City's Climate Manager Hired

CAP Action 9.A.1.b

What happened? In February, the City hired a new Climate & Sustainability Manager to implement and measure progress on actions in the Climate Action Plan (CAP).

Why is this important? There is a large amount of coordination and administrative work associated with advancing the CAP and having paid staff is critical to moving the work forward.

City Participating in IRS Direct Pay Program

What is happening? For the first time, the City is participating in the IRS Direct Pay program, also called Elective Pay, which allows local governments, along with other tax-exempt entities, to receive a cash payment for clean energy investments electric vehicles, electric vehicle charging, and solar installations, for example.

Why is this important? Taking part in the program incentivizes clean energy investments and provides filers with a funding source to be used for further investments.

What's next? The City will be filing for the purchases of 3 electric vehicles in 2024, resulting in over \$20,000 as a cash rebate.

City Hosts UW Intern

What is happening? The City is hosting an intern who recently earned their graduate degree in Public Administration at UW. They will be working on a number of priority City projects, one being to advance the electric vehicle charging code update for multifamily properties.

Why is this important? With limited staffing at the City to implement the CAP and other Council priorities, hosting interns helps both provide professional experience while moving projects forward in a more timely manner.

What's next? The internship will be wrap up around mid-October.