

CITY OF PORTLAND, MAINE
Standing Committee on Sustainability and Transportation
Councilor Andrew Zarro, District 4, Chair
Councilor Roberto Rodriguez, At-Large
Councilor Victoria Pelletier, District 2

Agenda
October 19, 2023
5:30 PM
Portland City Hall
389 Congress Street
Room 24

1. Review and approve minutes from September 13, 2023
 - a. Minutes
2. Sustainability Program Updates
 - a. October updates
Presenters: Troy Moon, Katie Tims
3. Presentation and Discussion
 - a. Informational presentation regarding a proposal to rename Marginal Way in honor of Senator George Mitchell
Presenter: Harold Pachios
No public comment will be taken
 - b. Annual Report for Energy Benchmarking and Disclosure
Presenter: Erin Ferrell
No public comment will be taken
 - c. Informational presentation regarding the Community Resilience Grant awarded by the Governor's Office for Policy, Innovation, and the Future.
Presenters: Troy Moon, Erin Ferrell, Katie Tims
No public comment will be taken
 - d. Status update regarding the City of Portland's solar consortium projects
4. Other Business

CITY OF PORTLAND, MAINE
Committee on Sustainability and Transportation
Councilor Andrew Zarro (D4), Chair
Councilor Victoria Pelletier (D2)
Councilor Roberto Rodríguez (At-Large)

Draft Minutes September 13, 2023

Members Present: Councilor Zarro, Councilor Rodríguez

Staff Present: Troy Moon, Erin Ferrell, Austin Smith, Eric Kennedy, Nicole Albert, Michael Goldman, Chris Maher, Kevin Kraft, Dr. Christine Maher, James Neal

Meeting was called to order.

July 12 Minutes

The July 12, 2023 meeting minutes were not included in the agenda packed and were not approved on the September 13 meeting.

Sustainability Update

Presented by Troy Moon

The City of Portland is working with MaineDOT to submit an application to fund construction of the transportation, streetscape and utility improvements being designed for the Libbytown Safety and Accessibility Project. The application will be submitted to the Reconnecting Communities and Neighborhoods Grants Program - a program of the federal Bipartisan Infrastructure Law - at the end of September. The Sustainability Office also collaborated with colleagues in Economic Development, DPW, Planning, Water Resources, the City of South Portland and other outside partners to draft a Letter of Intent for NOAA's Climate Resilience Challenge. We proposed to create a design manual for living shoreline projects in Portland Harbor that would protect existing infrastructure and shorelines from rising seas.

We have been supporting efforts by a team of Peaks Island residents to establish a drop-off site on the island. On July 18th, they launched a drop-off site at Trott-Littlejohn Park on Peaks Island. These volunteers have taken the responsibility to transport the collected food scraps to the Garbage to Garden facility on Veranda Street. On September 8th, we also added another public drop-off site at our Parks, Recreation, and Facilities building at 212 Canco Road. With increased participation, we will be able to add more drop-off sites. We also held our last Summer Landcare Lunch & Learn webinar, though the series has ended recordings of each informational webinar can be found on our website. On September 9, the Sustainability Office held our annual Fall Landcare Event to educate residents about Portland's Landcare Ordinance and encourage residents to adopt organic and sustainable landcare practices that protect the health of Portland's waterways, residents, pets, and natural ecosystems.

Staff continue to do extensive community outreach and are organizing Portland's upcoming Park(ing) Day on September 15 with help from Portland Parks, Recreation, and Facilities,

Portland Downtown, and others. We also look forward to hosting Drive Electric Maine 2023 again on Sunday, September 24th from 12PM - 4PM at Back Cove Trail Parking Lot in Portland.

Councilor Comment on Sustainability Update

Councilor Zarro shares excitement that Peaks is spearheading their own compost project and notes that they do hear from island communities that they do want to be more engaged in composting. Do we have the opportunity to replicate this on the other islands? *Troy mentions that it is challenging. We established an agreement with Peaks Island residents for the project and these residents are transporting the compost themselves with the help of the ferry, and it may be very challenging to take the same approach on the other islands.*

Councilor Rodriguez is wondering if there is an update on how much compost the drop sites are collecting. *Troy adds that it is going well and that we can do an update at the next meeting.* Councilor Rodriguez and Troy agree that many residents may have the capacity for backyard composting.

Councilor Zarro shares appreciation for the work the Sustainability Office staff are doing with the Sustainable Neighborhoods Program in Libbytown. Many residents are sharing their appreciation and motivation for community engagement with the help of this program

Presentation by Maine DEP Regarding the Coal Pile on Cassidy Point

Presented by Eric Kenney of the Maine Department of Environmental Protection

There have been complaints, since in August 2022, regarding coal dust emissions from the coal pile that Sprague manages at Merrill Terminal on Cassidy Point. The Maine DEP did a site compliance investigation in April 2022, and although this is not a licensed facility with Maine DEP as it is not a large enough source to need an air emissions license, the Maine DEP asked Sprague to provide an updated best-management practices plan to control fugitive dust. After another site inspection and investigation at nearby residential buildings in complaint, the Maine DEP set up an air quality/fine particulate emissions monitor at one of the residential buildings since mid-June. Data collected since this point does not indicate any major health impact for those in nearby residential buildings and all measure at levels below ambient air quality standards for particulate emissions.

Councilor Comment on Presentation Regarding the Coal Pile on Cassidy Point

Councilor Zarro asks if the amount of coal dust is observed during unloading and loading times. *No, I don't think we have observed during the few times of year the unloading or loading of barges, but we have observed the loading of rails or trucks and we do have standards for all of those situations. The monitor would catch if there were spikes in observed particulate emissions. We have also asked Sprague to keep a log of these movement events. We have not seen a correlation between emissions and these movement events, but we have seen a correlation with early morning traffic and with the Canadian wildfire smoke events.* Do we know the radius of impact for the coal dust that could be carried? *Fine particles, like the 2.5 micrometer and smaller ones, can travel all over the world and for miles.* Where does the coal go, when it leaves our waterfront? *That is more of a question for Sprague, but there aren't many*

facilities in Maine that burn coal. The only industrial facilities that I am aware of that still have licenses to burn coal are Sappi in Westbrook, ND Paper in Rumford, and Dragon Products in Thomaston. How do we incentivize the option to transition to renewable energy when appropriate and possible? We primarily have incentives for residential homes. The industrial and electricity generation sectors have made huge decreases in GHG emissions.

Councilor Rodriguez shares immense gratitude for the update. Follows by clarifying that the monitoring happens 24/7 and asks if the plan is to continue monitoring indefinitely. *No, we would like to see the monitor continue to operate for at least two months, and we do have a limited amount of monitors. Ideally, we see a long stretch of dry conditions and favorable wind patterns.*

Consideration of a Bird Safe Ordinance

Presented by Dr. Christine Maher, Tory Moon, Kevin Kraft, Austin Smith

Public comment on this item was taken on July 12. The ordinance was since amended to apply to commercial buildings only.

Councilor Comment on Bird Safe Ordinance

Councilor Zarro thanked Troy, staff, and Christine Maher. We heard from the community, and we were able to ask questions, I have no lasting questions. Councilor Rodríguez agrees that the residential exception was the main concern from the last council meeting, and since it was addressed and since the ordinance still includes the major buildings in this issue, feels that it does not weaken the intent and long-term impact of this ordinance.

Councilor Zarro opens the floor for public comment, for the amendment portion of the ordinance.

Public Comment on Bird Safe Ordinance

Grace Nichols shares support for the “common-sense” amendment and support for the ordinance overall.

Jonathan Cohen asks if all residential buildings are exempted. Also asks if we are looking to do something that curbs the number of bird deaths that result from cats. *Later confirmed by Kevin Kraft that all residential buildings, regardless of size are exempt.*

Maggy Wolfe shares an appreciation for the Council continuing to work on this ordinance and support for this ordinance.

Motion to recommend to full Council

Councilor Zarro recommends a motion to move the discussion to a full Council. So moved by Councilor Rodríguez. Councilor Zarro seconds, and it will be moved to full Council.

Considering Adoption of a C-PACE Financing Program in Portland

Presented by Troy Moon, Michael Goldman, James Neal

During the Sustainability and Transportation Committee’s meeting in May, the members held a workshop with James Neal of Efficiency Maine to learn about Maine’s Commercial Property

Assessed Clean Energy (C-PACE) program, which was authorized by statute in 2020. C-PACE programs work by using a municipality's ability to place a lien on a property to catalyze private investment in energy efficiency and clean energy projects. This program is similar to those established in more than 30 states that have led to more than \$4 billion of investment in clean energy and energy efficiency projects and since our workshop in May, several Maine communities have adopted the C-PACE program including Westbrook, Cumberland, and Augusta.

Public Comment on Considering Adoption of a C-PACE Financing Program in Portland

Aemon Dundon shares support for this ordinance and notes that this is a great example of the work this committee can do to incentivize the behavior we want to see in the One Climate Future plan or Maine Won't Wait.

Suzy Kist endorses the adoption of the C-PACE program as it is a critical step on the way to reducing emissions from buildings to reach our climate goals.

Maggy Wolfe also shares support for C-PACE adoption and would like to see further measures and policies to help reduce local carbon emissions.

Grace Nichols echoes the sentiment of the previous two speakers.

Motion to recommend to full Council

Councilor Zarro recommends a motion to move the discussion to a full Council. So moved by Councilor Rodríguez. Councilor Zarro seconds, and it will be moved to full Council.

Proposed Changes to Chapter 28, Parking Regulations

Presented by John Peverada and Nicole Albert

These proposed changes include updating the definition of a "crosswalk", adding a definition for "electric vehicles", and updating the definition of "prolonged parking". These changes also include the addition of new codes to prohibit parking in a bike lane, for non-EVs parking in front of charging stations, and for cumulative parking duration for RVs and larger vehicles. We also look to impose a fine for those who tamper with or attempt to remove an immobilization device attached to a vehicle. We also look to remove 31 metered spaces that are underperforming. By making it a two-hour parking space, it will help increase local parking space.

Public Comment on Proposed Changes to Chapter 28, Parking Regulations

Winston Lumpkins is excited to see this change for the prohibition of parking in bike lanes and the attention on parking.

Motion to recommend to full Council

Councilor Zarro recommends a motion to move the discussion to a full Council. So moved by Councilor Rodríguez. Councilor Zarro seconds, and it will be moved to full Council.

Motion to Adjournment

Motion to adjourn by Councilor Zarro. Second by Councilor Rodríguez. Find a new date for the October committee meeting. All adjourned.

Meeting Adjourned



Sustainability Updates

Oct 19, 2023

On September 29th, we said goodbye to our Resilience Corp Fellow, Emma Perry. She was instrumental in the success of our Electrify Bikes! Program, organizing summer-long landcare events and webinars, and helping the office with everything in between. We wish her the best of luck with her new position as the Events and Grants Associate with the Island Institute. We have submitted an application to GPCOG for a new Fellow. If we are successful, the Fellow would begin work in January.

We were awarded a Community Resilience Partnership grant from the latest round of Community Action Grant funding proposals. These grants are awarded to communities across the state to conduct climate vulnerability studies, install high-efficiency heating and cooling system, expand bike-pedestrian infrastructure to reduce vehicle miles traveled, transition to renewable energy, develop resilience plans, and take other climate and energy priority actions in alignment with Maine's climate action plan, Maine Won't Wait. We will provide a detailed communication about our grant application during the meeting.

On October 12th and 13th, the Portland Sustainability Office hosted the New England Municipal Sustainability (NEMS) Network fall meeting. NEMS is a consortium of New England cities and towns that collaborate to build connections among municipal sustainability professionals in the region and share ideas and resources. We had the opportunity to learn about energy efficient buildings including the apartment building under construction on Federal St. and the Homeless Service Center. We discussed the intersection of sustainability and preservation with our Historic Preservation Office, toured the Portland waterfront with Bill Needleman, and discussed how the electric grid operates and is governed with an expert at the Acadia Center. It was a great opportunity to collaborate, in person, with other municipal sustainability professionals and support each other in this work.

Transportation

The City and a consultant, VHB, are looking at the possibility of converting State St. and High St. from one way to two way traffic. The project team had a kickoff meeting last month, and VHB has started doing an existing conditions evaluation. We expect more information on that next month, with fine-tuning of the alternatives analysis to follow. Our goal is to complete this analysis by the end of the winter.

Energy

On October 14th, Troy Moon presented at the Islesboro Energy Conference. The conference theme was "Sustainability that Works. Person to Person. A Step at a Time" and brought Islesboro residents and off-islanders together to explore and discuss practical solutions as Maine communities face the challenges of climate change.

Electric Vehicles

We hosted our annual Drive Electric Maine event on Sunday, September 24th. We had many EV owners participate and it was exciting to engage those interested in test driving or learning about new models and the incentives available for them.

Community Support

On September 15th, we hosted our annual Park(ing) Day event, a day when people across the world temporarily repurpose street parking spaces into tiny parks dubbed "parklets." With huge help from Portland Parks, Recreation & Facilities, we had a jaw-dropping mini-Baxter Woods parklet. We could not have succeeded without the help of Portland Downtown and the other community partners who joined that day.



On October 3rd and on October 10th, the Sustainability Office gave students of King Middle School tours of the Ocean Avenue solar array. This annual coordination has been a great opportunity to help classrooms learn more about how electricity and solar energy work and what the City is doing to meet goals outlined in the One Climate Future plan.



On October 18th, Troy Moon was featured as a panelist at the 8th Annual Interdisciplinary Preventive Medicine Faculty Development Conference hosted at Maine Medical Center. This year, the conference titled "Healthy People, Healthy Planet," focused on enhancing healthcare professionals' knowledge of the implications of climate change, identifying relevant Maine stakeholders in combating climate change, and gaining strategies and resources for assessing and understanding environmental impacts on health.

Waste Reduction

Katie and Emma have spent time distributing door hangers to spread awareness of the Community Composting Program. We are currently targeting the Back Cove neighborhood, due to the recently-opened drop site, but we look forward to hitting more neighborhoods where drop-site participation could be elevated.

Education and Outreach

Governor Janet Mills declared September 25-29 Maine Food Waste Awareness Week. We were excited to promote this effort and key players who are advancing food waste reduction in Maine.

On October 3rd and on October 10th, the Sustainability Office gave students of King Middle School tours of the Ocean Avenue solar array. This annual coordination has been a great opportunity to help classrooms learn more about how electricity and solar energy work and what the City is doing to meet goals outlined in the One Climate Future plan.

On October 4th, the Sustainability Office hosted an Open House for City Hall staff. We hope to learn more about ways we can improve internal sustainability within the different municipal operations.

On October 13th, the One Climate Future Team hosted Coffee & Climate with John Hagan from One Climate Common for a discussion about effective communication when it comes to talking with neighbors, friends, and colleagues about climate change and sustainability.

The OCF newsletter is a once-a-month e-newsletter with more than 1,100 subscribers. We share information on upcoming events, programs launching, and educational information. You can sign up for the newsletter at oneclimatefuture.org.

Climate and Coffee events are community conversations that happen on the 2nd Friday of the month at 9 AM. We record sessions with guest speakers and post them on www.oneclimatefuture.org, along with other information about our work. You can also follow us on social media. Instagram [@sustainableportlandme](https://www.instagram.com/sustainableportlandme) // FB [@SustainablePortlandME](https://www.facebook.com/SustainablePortlandME)

2022 Energy Benchmarking Report

October 19, 2023

Overview

Energy benchmarking is the process of measuring a building's energy and water use over time. Jurisdictions all over the country have implemented energy benchmarking and transparency policies as foundational tools to support building decarbonization. Energy Benchmarking ordinances encourage the efficient use of energy and water and help to reduce greenhouse gas emissions. By taking inventory of energy usage each year and comparing buildings of similar size and use, owners can identify underperforming areas that can be improved.

On November 7, 2016, the City of Portland adopted an energy benchmarking ordinance that requires covered properties to annually report water and energy usage. On July 15, 2019, the City Council voted to require all single-occupant buildings to begin reporting their energy and water consumption. A single-occupant building is defined as any building with a single tenant that utilizes 90% or more of the building space. All other covered properties must be compliant one year after the Sustainability Office certifies that the energy data is available from utilities in a convenient electronic format. The Sustainability Office will alert affected property owners when this certification is made.

How It Works

Unique Building IDs

The Office obtains a list of buildings 20,000 sq ft or more from the Assessor's Office. Each building is assigned a Unique Building Identifier that is geolocated and is unique for that building even if the building envelope may change.

How Data Is Reported

The ordinance relies on self-reported data input into Energy Star Portfolio Manager by building owners or individuals designated by the building owner. Portfolio Manager applies a complex analytic model to compare and rank similar types of buildings across the country and over time by adjusting for differences in weather, climate, and use characteristics.

Benchmarking Score

Certain property types can receive a 1 - 100 Energy Star score, which compares properties to similar properties nationwide. A score of 50 represents median energy performance, while a score of 75 or higher means your building is a top energy performer.

Weather Normalization

Energy use changes due to colder winters or hotter summers; weather-normalized energy accounts for this difference and allows for a closer look at changes in energy use without the effect of weather.

Energy Use Intensity (EUI)

EUI is expressed as energy per square foot per year. It is calculated by dividing the total energy consumed by the building in one year by the total gross floor area of the building.

2022 Reporting

All owners of buildings 20,000 sq ft or more in the City of Portland received a notice letter in December 2022. Letters informed building owners of the requirement to report for single-tenant building owners and the delayed requirement to report for multi-tenant building owners.

Multi-tenant building owners will be required to report once the utility is able to provide whole-building aggregated energy use information in a convenient online format.

Trainings and Outreach

The Sustainability Office held two benchmarking workshops in March 2023 to walk through how to comply with Portland and South Portland Benchmarking Ordinances. These two workshops were well attended and gave an opportunity for building owners and benchmarking contacts to ask questions and see a live demonstration. The Sustainability Office created many short tutorials for common questions and explaining how to fix common errors in benchmarking reports. Sustainability staff met one-on-one with numerous building owners to assist in completing and submitting reports.

2022 Data Analysis

The Sustainability Office received 163 Energy and Water Use Benchmarking Reports for calendar year 2022. There were 39 municipal buildings and 125 commercial/residential buildings reported. Of the commercial/residential buildings, 108 reported enough energy and water data to designate Building Energy Use Intensity (EUIs) for the buildings. No EUI can result from missing data, having gaps in the dates data is entered, or if the building is part of a larger campus that shares meters between buildings. Only 3 reports were missing crucial data requested. Of the buildings with EUIs, there are 33 unique property types.

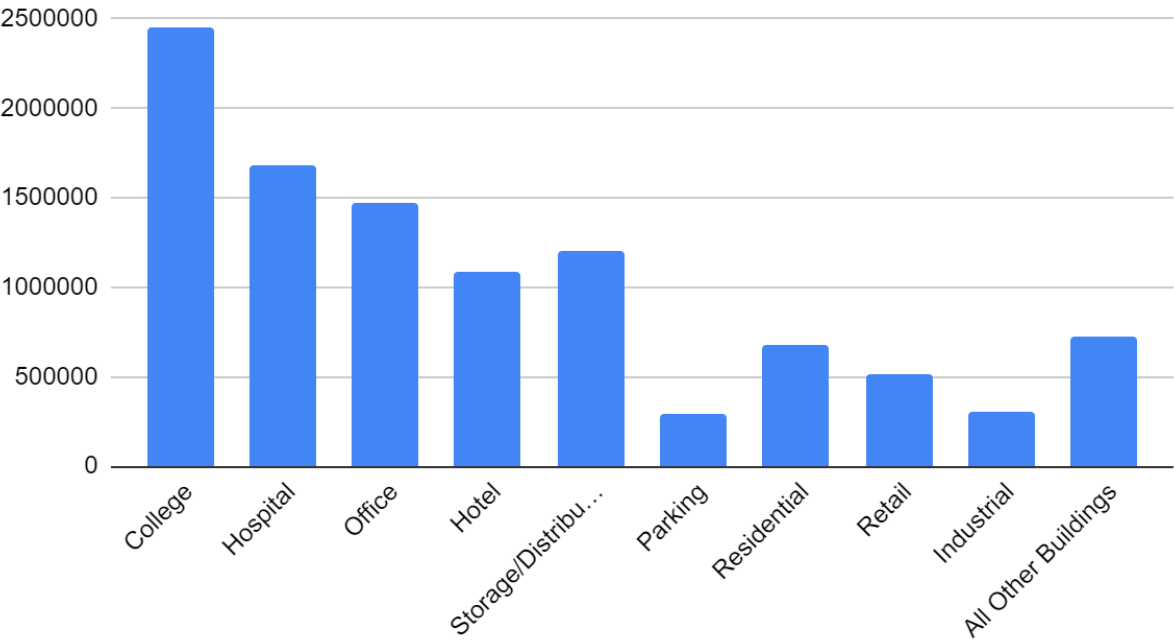
Property Type Breakdown: Who Reported?

Includes all non-municipal reports received.

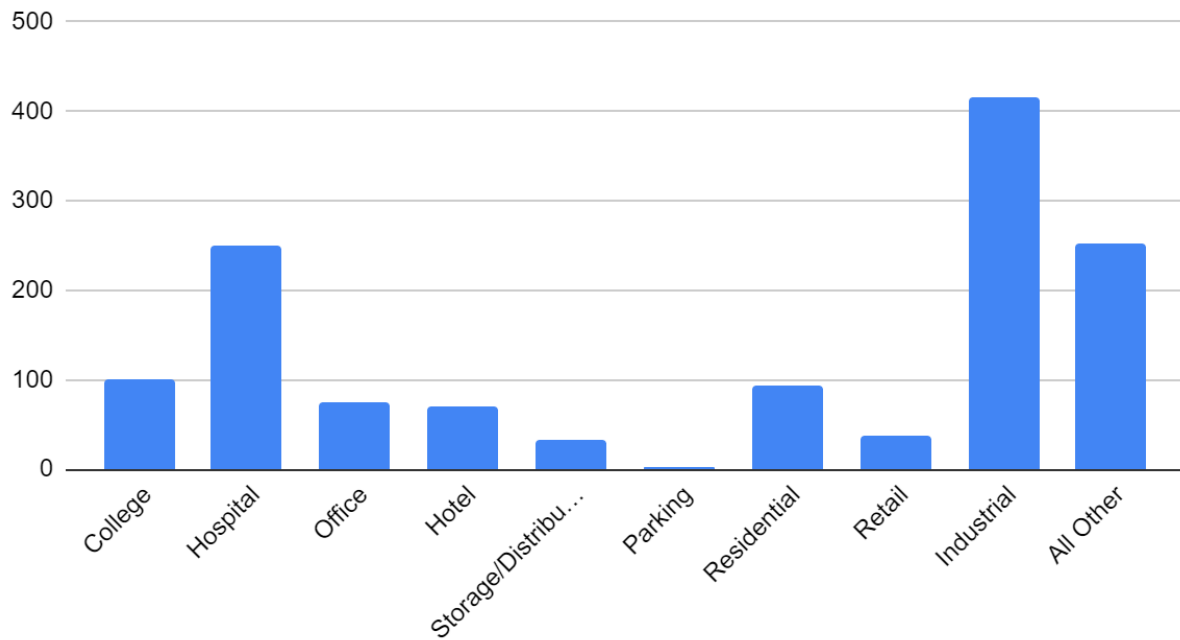
Category	Property Use	Number of Reports	Gross Floor Area (GFA) in Sq Ft
College	College/University	29	2,454,395
Hospital	General, Medical, Surgical, and Specialty Hospital; Surgical Centers	5	1,682,127
Office	Medical Office; Financial Office; Bank; Courthouse	18	1,470,103
Hotel	Hotel	11	1,091,177
Storage/Distribution	Non-Refrigerated Warehouse; Self-Storage Facility	17	1,202,142
Parking	Parking Garages	2	293,894
Residential	Senior Living; Multifamily Housing; Residential Care Facility	7	676,350
Retail	Strip Mall; Auto Dealership; Supermarket; Retail Store	9	509,013
Industrial	Manufacturing/ Industrial Plant	3	305,963
All Other Buildings	Repair Services, Fitness Center, K-12 School, Performing Arts, Bowling Alley, Library, Mixed Use	24	721,157

	Property, Not Available, Worship Facility		
TOTAL		125	9,729,971

Square Footage Reported

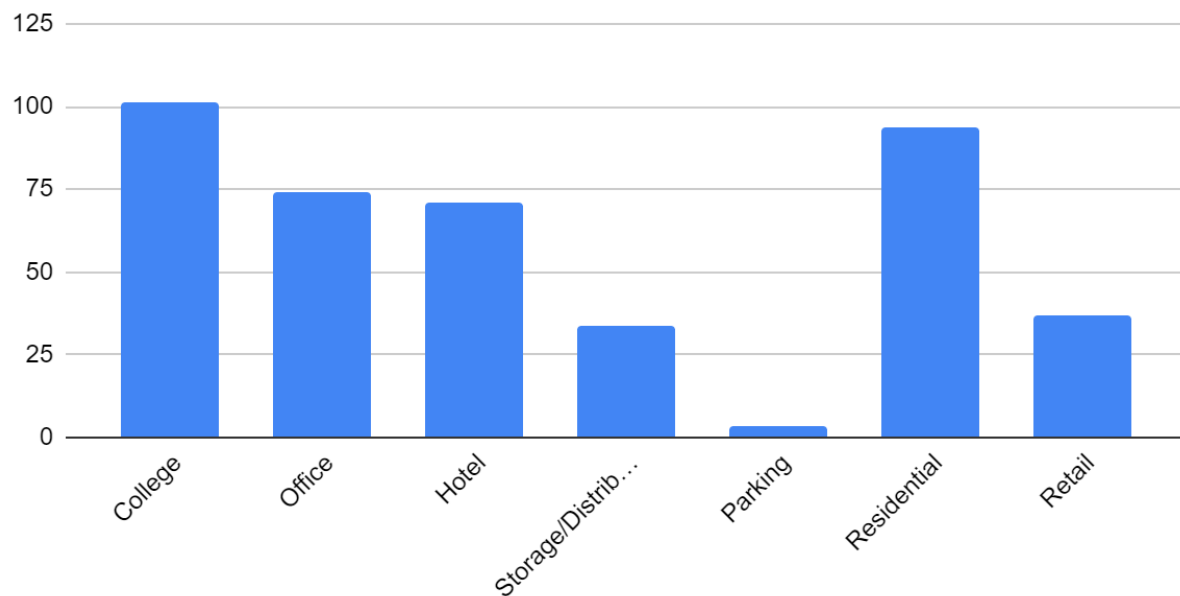


Average EUI by Property Type



Average EUI Reported by Property Type

Industrial, Hospital, Other Removed



Average Energy Star Score

The average Energy Star Score for qualifying property types is 65. An Energy Star Score of 50 is considered an average performing building.

Data Quality

Staff implemented the use of an implementation platform starting during the 2022 reporting season. Previously, data quality checks for each report were done manually making it difficult to correct errors in reports after the initial report was submitted.

Data quality improved drastically during the 2022 reporting period. Only 3 reports were missing crucial data required by the ordinance. This is compared to roughly 40 reports during the 2021 reporting period.

Properties using default, estimated, and temporary values are considered low levels of data quality. Site EUI and Source EUI may be noted as “Not Available” if energy data was input incorrectly, there was not a full year of data to analyze, or if the building is part of a parent property. Energy Star scores of 1 or 100 indicate energy data or property gross floor area (GFA) were input incorrectly. 9 Reports fall into this category.

Data Cleansing and Summary of Analyzed Methodology

Data cleansing is the process of removing incorrect or incomplete data before analysis. First, properties with duplicate submissions were removed. The dataset included 125 reporting properties as of the analysis cutoff date of October 16, 2023. From these 125 properties, 19 (15%) were removed due to missing information. Of the 18 removed, 15 were part of a larger campus. Only 3 reports (2%) were missing crucial data required to calculate useful benchmarking metrics. This data cleansing process resulted in 108 building data submissions that provide the basis for the analysis presented. This is compared to 96 reports last year. This is the second year for data analysis for City of Portland Energy Benchmarking Reports.

Looking to the Future

- *Multi-tenant buildings:* As the ordinance states, multi-tenant buildings 20,000 square feet or more are required to report energy and water use metrics once the utility is able to provide whole-building energy usage data in a convenient online format. Central Maine Power is currently working on this platform, with hopes to launch in 2024. The Sustainability Office anticipates multi-tenant buildings will be required to report starting in 2025.
- *Contact with building owners:* There are around 600 buildings covered under the ordinance in the City of Portland. The Office has had difficulty reaching the building owners of these buildings as Assessor’s Office information is the basis for benchmarking contact. In December 2022, the Office requested contact information for building owners and those who would be responsible for completing the reporting required. The Office currently has contact information for 360 covered buildings (62%).

2022 Data

Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
<i>College/University</i>											
Wishcamper Center	x	34 BEDFORD ST	59704	0	0.4	0.1	0.1	0.1	0.1	2.26	
Glickman Family Library	x	34 BEDFORD ST	126432	2.4	303.7	45.2	46.9	47.5	49.3	1.49	
Abromson Community Education Center	x	34 BEDFORD ST	44124	0	0						
Luther Bonney Hall	x	85 BEDFORD ST	76685	0	0						
Woodbury Campus Center	x	85 BEDFORD ST	28256	0	0.3	0.2	0.2	0.2	0.2		
Masterton Hall	x	85 BEDFORD ST	36636	0	0					2.48	
Maine Law Building	x	85 BEDFORD ST	92983	0	0					2.34	
Sullivan Gym Complex	x	85 BEDFORD ST	58062	0.3	15.7	5.1	5.4	5.4	5.6	3.91	
Science Building	x	85 BEDFORD ST	152806	0.4	59.6	7.3	7.3	7.7	7.7	6.16	
Payson Smith Hall	x	85 BEDFORD ST	52516	0.2	10.6	3.8	3.8	4	4	6.94	
East Campus	x	34 BEDFORD ST	230260	3.2	728.8	44.7	44.6	125.1	124.8		
West Campus	x	85 BEDFORD ST	497944	2.3	1123.3	31.8	31.6	89.1	88.4		
Parking Garage	x	34 BEDFORD ST	386681	0	0					0.32	
College of Pharmacy		706 STEVENS AVE	46380	11.7	542.9	200.1	208	316.4	325.5	5.56	
Oral Health Center		1 COLLEGE AVE	40300	7	282.3	104.3	105.8	254.2	255	25.24	

Blewett Hall	x	716 STEVENS AVE	31650	3.1	96.7	52.2	55.2	82.5	85.6	7.42	
Central Loop	x	716 STEVENS AVE	254806	1.3	324.2	19	19	45.8	45.8	8.87	
Goddard Hall	x	716 STEVENS AVE	12696	1.6	20.9	31	32.9	32.5	34.6	77.01	
Proctor Hall	x	716 STEVENS AVE	31074	3.3	101.8	46.2	46.2	129.4	129.4	21.61	
Linnell Hall	x	716 STEVENS AVE	12411	0	0					4.77	
Hersey Hall	x	716 STEVENS AVE	22170	0	0					3.89	
Alumni Hall	x	716 STEVENS AVE	12612	0	0					1.77	
Innovation Hall	x	716 STEVENS AVE	63700	1.8	112.6	24.9	24.5	69.9	68.6	4.31	
Coleman Hall	x	716 STEVENS AVE	10718	3.4	36.9	64.7	69.8	68	73.3	6.92	
Ginn Hall	x	716 STEVENS AVE	18783	44	826	804.8	842.5	966.2	1008.2	30.25	
Alexander Hall	x	716 STEVENS AVE	22098	3.3	72.6	46.4	46.4	129.8	129.8	12.64	
MacDougal Hall	x	716 STEVENS AVE	15308	0	0						
Parker Pavilion	x	716 STEVENS AVE	6600	27.8	183.2	391.8	372.9	1097.1	1044		
Placeholder Property (Bills from Unknown Source)	x	34 BEDFORD ST	10000	0	0					72.17	

Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
Hospital (General Medical & Surgical), Surgical Center, Urgent Care											
Outpatient Specialty & Surgery Center		155 Fore River Parkway	33045	19.9	657.3	330	331.3	579.8	576.6	73.12	
Bramhall Campus		22 BRAMHALL ST	1158254								
Brighton Campus		335 BRIGHTON AVE	211315	10.6	2244.9	174.9	176.8	315.1	315.6	26.84	
Northern Light Mercy Hospital		175 Fore River Parkway	210803	20.1	4234.2	339		557		52.25	15
Portland VA CBO		141 WEST COMMERCIAL ST	68710	9.6	659.9	156.6	156.8	281.8	279.9		
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
Office (Medical, Financial, Bank, Courthouse)											
Norway Savings Bank		1200 CONGRESS ST	28886	7.8	225.6	127.9	130.3	234.7	235.2	5.33	39
CUMBERLAND COUNTY COURTHOUSE		142 FEDERAL STREET	78000	3.3	261	57.8	62.5	85.8	90.8	7.45	92
Baxter		562 CONGRESS ST	105872	0.6	65.1	8.7	8.6	24.3	24	4.37	
Eye Venture Associates		53 Sewall St	26030	11.1	289.3	177.8	175.7	351.6	345.8	22.56	53
33 Sewall St		33 SEWALL ST	54000								

Northern Light Health		43 BAXTER BLVD	24524	2.6	62.6	41	42.5	79.8	81.4	3.75	100
31301101 - Fore River Medical Building		195 FORE RIVER PARKWAY	75784	9.7	733.1	134.3	136.7	372.4	378.9		1
5DFR		5 DAVIS FARM RD	80683	4.4	356.4	69	70.5	146.7	147.8	5.39	67
Cianbro (Ricker's Wharf Facility)		60 CASSIDY POINT DR	21901	3.4	75	52.8	56.6	116.8	123.2	3.5	55
Building D	x	100 WEST COMMERCIAL ST	4800	4.3	20.5	72.8	78.3	115.6	121.4	18.56	
Congress Street LLC		2331 Congress Street	22000	5.6	123.4	98	103.2	142.9	148.1	19	54
Unum Portland, ME Campus		2211 CONGRESS ST	719458	4.5	3248.4	73.6	76.4	137.1	139.8	8.28	
Auto Europe LLC		43 NORTHPORT DR	26784	2.9	77.4	47.2	49.7	87.5	91.1	3.87	85
Avesta Housing - 307 Cumberland Ave		307 CUMBERLAND AVE	25650	5.6	143.8	99.9	105	134.4	139.4	2.83	41
501 Forest Ave		501 FOREST AVE	26400	0.5	13.8	7.4	7.4	20.7	20.7		100
Woodard & Curran		41 HUTCHINS DR	60144	5	301.5	85.5	89.4	136.3	139.4	1.94	
Julia Welsh		619 CONGRESS ST	24187	1.6	37.6	28.8	31.5	32.6	35.5	2.78	100
PWD Admin Facility		225 DOUGLASS ST	65000								
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
<i>Hotel</i>											
Portland ME HAMP		209 Fore St	71206	5	352.6	79.6	81	154.9	155.2		72

Maple Hotel Enterprises LLC dba Motel 6		1 RIVERSIDE ST	44944	2.1	92.5	38.3	38.4	42.3	42.4	110.9	100
2049-Portland		340 PARK AVE	50864	4	202.8	63.2	64.3	123.7	125.4	54.32	88
The Press Hotel		390 CONGRESS ST	83506	6.7	560.8	108.8	110.3	199.5	200.1	51.86	48
Portland DT Waterfront ME ACH		158 Fore St	105975	4.3	457.4	69.9	69.6	133.1	132.2	36.18	87
Portland ME AH		379 Commercial St	82113	4.4	360.9	68.4	69.1	147	149.1	30.37	83
Canopy Portland Waterfront		9 CENTER ST	104000	2.3	237.8	42.6	43.7	47	48.2	27.4	100
HGI Portland		57 COMMERCIAL ST	76472	5.7	436.4	92.4	92.6	169.9	168.9	53.36	80
Westin Portland Harborview Hotel		157 HIGH ST	254268	5.7	1440	92.1	93.4	166.9	167.4	29.29	71
Cow Plaza Hotel LLC		433 FORE ST	80189	2.6	207	55.3	55.1	69	68.8	51.06	100
Portland Downtown ME RI		145 Fore St	137640	4.4	611.6	70.6	71.2	142.5	142.4	52.23	81
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normaliz ed Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normaliz ed Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
Storage/Distribution (Non-Refrigerated Warehouse, Self-Storage Facility)											
JB Brown - 150 Read Street		150 READ ST	59520	2.2	130.7	38.6	42.1	54	57.9	0.61	75
CONGDON-52 Canco		52 CANCO RD	48782	1.9	91.3	34	37.2	41.7	45	1.36	71
187-209 Read St, LLC		187 READ ST	165000	2.2	359.4	38.7	42.8	52.7	57.1	0.32	73
85 St. James Street		85 St. James Street	20160	2.8	55.8	38	40.3	65.7	68.1	3.44	46
10573002 - Portland		165 Read Street	196599	3.2	619.4	46.4	46	116.6	115.4	77.51	83
NU Portland Facility		376 RIVERSIDE	64759	2.5	162.3	40.6	43.1	77	79.3	1.41	72

		INDUSTRIAL PARKWAY									
165 Presumpscot		165 PRESUMPSC OT ST	44100	0.2	10.5	3.4	3.5	9.4	9.7	3.28	
NEPW Logistics, Inc. (70 Quarry)		70 QUARRY RD	90400	1.3	114.1	20.9	22.8	36.8	38.7		84
NEPW Logistics, Inc. (90/118 Q)		90 QUARRY RD	175000	1.3	219.3	20.3		32.3		0.52	87
NEPW Logistics, Inc. (Read)		182 READ ST	77000	2.9	220.2	48.7		73.7		0.42	69
Building 1	x	344 RIVERSIDE ST	24000	2.2	52.5	37.6	39.5	58.1	60.1	1.29	
Building 2	x	344 RIVERSIDE ST	12800	1.4	17.9	24.2	25.5	35.6	37	528.8	77
POME		21 WEST COMMERCIAL ST	23000	3.6	83.2	62.1	66.5	94.2	98.8		54
00616-Portland		290 PRESUMPSC OT ST	39900	0	0						
006881-Portland ME		125 INDUSTRIAL WAY	100000	0.4	36.8	5	5.3	6.7	7	0	100
Maintenance Storage Building	x	65 Fore River Parkway	5460	2.1	11.2	29	30.3	81.2	84.9	0.69	
U-Haul Moving & Storage At Rte 295 (731066)		411 MARGINAL WAY	55662	2.8	155.1	47.9	52.4	74	78.8	1.12	
238 Riverside		238 RIVERSIDE ST	36340	1.3	47	21.2	22.9	38.5	40.2	3.03	
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
Parking Garage											
PARKING GARAGE		75 PEARL ST	118760	0.3	35.9	4.3	4.3	12	12	0	92

One City Center Parking Garage		23 FREE ST	175134	0.2	33.3	2.7	2.7	7.5	7.6		
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
Residential (Senior Living, Multifamily Housing, Residential Care Facility)											
deering pavilion		880 FOREST AVE	135968	3.3	446.7	55.1	57.1	93.2	94.9	36.35	78
Back Bay Tower - Reliant		389 CUMBERLAND AVE	229083	2.6	593.2	38.4	39.4	94.4	96.1	16.19	83
10590 Woods At Canco		257 Canco Road	112647	3.7	414.9	61.1	64.5	107.4	112.5	27.04	58
Danforth Heights - Building A		240 Danforth Street	24612	5.3	131.4	93.9	99	133.3	138.6	40.4	46
Danforth Heights - Building B		213 Danforth Heights	30436	7.3	222.5	131.4	134.7	170.8	174.3	111.3	14
Danforth Heights - Building C		48 Salem Street	55604	6.4	353.4	111.4	117.2	160.1	166.6	45.36	39
ST Joseph's Manor		136 RAY ST	88000	9.7	856.3	165.4	171.5	231.6	238	56.39	
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
Retail (Strip Mall, Auto Dealership, Supermarket, Retail Store)											
Moose LLC		375 Riverside Street	26285	2.9	76.3	47.5	50.6	87.2	89.8	4.14	
191 Riverside St		191 Riverside St	64639	2.5	162.4	35.5	35.5	99.3	99.3	326.39	
127 MW		127 MARGINAL WAY	27554	0.1	1.5	0.8	0.8	2.1	2.1	3.22	

161 MW		161 MARGINAL WAY	54922	0.3	18.6	4.8	4.8	13.4	13.4	34.06	
Hub Furniture Co		291 FORE ST	35000	1.3	43.9	21.1	22.8	35.4	37.3	0.73	94
145 Presumpscot Store		145 PRESUMPSCOT ST	21600	1.7	36.3	23.7	23.6	66.4	66	2.73	95
2401 - PORTLAND		636 WARREN AVE	107085	4.8	509.7	78.1	82.9	137.8	142.4	9.08	74
Quirk Chevrolet		1000 BRIGHTON AVE	56000	2.9	164.4	46.1	47.5	92.9	94.4	3.21	
N001946-PORTLAND ME		37 RAND RD	115928	4.5	517	72	75.6	138.4	142.3	5.22	73
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
Industrial (Manufacturing/Industrial Plant)											
Allagash Brewing Company		50 INDUSTRIAL WAY	75000	16.6	1241.5	280		448.8		157.2	
Barber Foods, LLC		70 ST JOHN ST	146233	32.6	4760.2	508.9		1079.2		238.73	
Oakhurst Dairy		364 FOREST AVE	84730	32.8	2783.2	458.7	457	978	971.9	347.86	
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
Recreation (Bowling Alley, Library, Fitness Gym, Social/ Meeting Hall)											
Bayside Bowl		58 ALDER ST	33000	3.2	107.1	59.2	62.8	61.9	65.7	18.36	
Planet Fitness Portland		145 MARGINAL WAY	20000	6	120.9	92	92.8	202	201.5	30.36	

Abplanalp Library	x	716 STEVENS AVE	26636	0	0					8.41	
APEX Fitness & Racket Center LLC		2445 CONGRESS ST	82000	1.8	148.7	27.6	27.6	60.7	60.7	0	
YMCA of Southern Maine		70 FOREST AVE	98180	6.8	663.1	121.4	126	157.9	162.3	5.87	
Cumberland Club		116 HIGH ST	20,000	8.9	192.8	155.4	166.7	225.6	237.1		
#1208 - Thompson's Point - Brick South		0 THOMPSON S POINT	28000	2.4	68	39	41.1	76	78.4	3.62	56
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
<i>Repair Services (Vehicle, Shoe, Locksmith, etc)</i>											
Maine Yacht Center		65 KENSINGTON ST	49300	2.5	124.7	37.5	39.1	71.2	71.9	17.65	
Building A	x	100 WEST COMMERCIAL ST	19200	0.2	3.5	2.6	2.6	7.3	7.3	2.86	
Building B	x	100 WEST COMMERCIAL ST	28800	3.9	112.1	57.9	57.8	105.1	105.9	15.25	
Building C	x	100 WEST COMMERCIAL ST	21600	2	42.6	32.3	34.3	59.4	61.5	6.62	
Building E	x	100 WEST COMMERCIAL ST	12000	6.8	81.4	104.4	107.5	127	130.1	26.42	
Building G	x	100 WEST COMMERCIAL ST	20000								
Portland Yacht Services	x	100 WEST COMMERCIAL ST	86400	3.6	312	55	56	99.3	100.4	14.96	
Waynelete Rowing	x	100 WEST COMMERCIAL ST	2000		0						

Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
Worship Facility											
First Baptist Church in Portland		326 CANCO RD	28327	2.2	63.5	39.7	42.8	54.9	58.3	1.13	92
Woodfords Congregational Church		202 WOODFORD ST	44000	3.2	140.8	43.4	43.4	51.6	51.6	544.67	66
Grace Baptist Church		476 SUMMIT ST	4737	13.6	64.2	184.4	199.2	242.9	260.3	8.41	
St. Joseph Church		671 STEVENS AVE	20000							256.38	
St. Pius X Church		492 OCEAN AVE	20000								
First Parish Church		425 Congress Street	17637	2.2	38.5	38.5	42	54.1	58.3	4.98	49
Property Name	campus	Address	Property GFA - Calculated (Buildings) (ft²)	Total GHG Emissions Intensity (kgCO2e/ft²)	Total GHG Emissions (Metric Tons CO2e)	Site EUI (kBtu/ft²)	Weather Normalized Site EUI (kBtu/ft²)	Source EUI (kBtu/ft²)	Weather Normalized Source EUI (kBtu/ft²)	Water Use Intensity (All Water Sources) (gal/ft²)	ENERGY STAR Score
K-12 School (Non-Municipal)											
64 Emery Street		64 Emery Street	2000	73.1	146.2	1260.7	1331.3	1929.8	2012.5	101.18	1
16 Storer Street		16 Storer Street	1000	140.9	140.9	2416.5	2545.4	3776	3911.3	128.55	

State of Maine
Governor's Office of Policy Innovation and the Future
APPLICATION COVER PAGE
RFA# 202305100
Community Resilience Partnership Community Action Grant

Applicant's Organization Name:	City of Portland		
Chief Executive - Name/Title:	Danielle West, City Manager		
Tel:	207-874-8689	E-mail:	dwest@portlandmaine.gov
Headquarters Street Address:	389 Congress Street		
Headquarters City/State/Zip:	Portland, ME 04101		
<i>(Provide information requested below if different from above)</i>			
Lead Point of Contact for Application - Name/Title:	Troy Moon		
Tel:	207-756-8362	E-mail:	thm@portlandmaine.gov
Headquarters Street Address:	389 Congress Street		
Headquarters City/State/Zip:	Portland, ME 04101		

- This Application and the pricing structure contained herein will remain firm for a period of one hundred eighty (180) days from the date and time of the bid opening.
- No personnel currently employed by the Department or any other State agency participated, either directly or indirectly, in any activities relating to the preparation of the Applicant's Application.
- No attempt has been made, or will be made, by the Applicant to induce any other person or firm to submit or not to submit an Application.
- The above-named organization is the legal entity entering into the resulting contract with the Department should they be awarded the contract.
- The undersigned is authorized to enter contractual obligations on behalf of the above-named organization.

To the best of my knowledge, all information provided in the enclosed application, both programmatic and financial, is complete and accurate at the time of submission.

Name (Print): Danielle West	Title: City Manager
Authorized Signature: <i>Danielle P. West</i>	Date: 7/6/23 15:45 EDT

State of Maine
Department of Governor's Office of Policy Innovation and the Future
DEBARMENT, PERFORMANCE, & NON-COLLUSION CERTIFICATION
RFA# 202305100

Community Resilience Partnership Community Action Grant

By signing this document, I certify to the best of my knowledge and belief that the aforementioned organization, its principals and any subcontractors named in this proposal:

- a. Are not presently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from bidding or working on contracts issued by any governmental agency.*
- b. Have not within three years of submitting the proposal for this contract been convicted of or had a civil judgment rendered against them for:*
 - i. Fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state, or local government transaction or contract.*
 - ii. Violating Federal or State antitrust statutes or committing embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.*
- c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (b) of this certification.*
- d. Have not within a three (3) year period preceding this proposal had one or more federal, state, or local government transactions terminated for cause or default.*
- e. Have not entered into a prior understanding, agreement, or connection with any corporation, firm, or person submitting a response for the same materials, supplies, equipment, or services and this proposal is in all respects fair and without collusion or fraud. The above-mentioned entities understand and agree that collusive bidding is a violation of state and federal law and can result in fines, prison sentences, and civil damage awards.*

Failure to provide this certification will result in the disqualification of the Applicant's Application.

Name (Print): Danielle West	Title: City Manager
Authorized Signature: <i>Danielle P. West</i>	Date: 7/6/23 15:45 EDT

State of Maine
Governor's Office of Policy Innovation and the Future
APPLICATION FORM
RFA# 202305100
Community Resilience Partnership Community Action Grant

In responding to each Criteria below, Applicants should refer to the information provided in the corresponding areas of the Activities and Requirements section in the RFA. Applicants must use this application to respond to all desired information outlined here and in the RFA.

Criteria 1: Eligibility and Applicant Information

Applicant's Organization Name:	City of Portland
Applicant's Organization is a:	☒ Municipality ☐ Tribal Government ☐ Township, plantation, or unorganized territory ☐ Service provider organization ☐ This is a joint application for a Group of Communities (if applicable).
Is applicant(s) currently enrolled in the Community Resilience Partnership?	☒ yes or ☐ enrolling simultaneously
In partnership with: <i>Letters of Support must be provided with Application.</i>	List Partners (if any)

Criteria 2: Previous Community Action Grant status

Is this the community's first application to the Community Action Grant?	☐ yes or ☒ no (If yes, skip the rest of this section.)
Does your community currently have an active Community Action Grant?	☒ yes , from: ☐ Spring 2022 ☒ Fall 2022 or ☐ no (If no, skip the rest of this section.)

Has an extension ever been requested for the active grant?	☐ yes or ☒ no
If this grant application is successful, what specific steps will the community take to ensure both grants are completed on-time?	The grant period for our Sustainable Neighborhoods program will be wrapping up shortly after the grant period for this round begins. The Sustainable Neighborhood program will continue after the grant period and we will leverage the community relationships we've built to promote the energy efficiency campaign. So – the existing grant and the new grant complement each other.

Criteria 3: Community Characteristics

Complete the table describing the characteristics of the community. See the RFA document (Section H-2 of Activities and Requirements) for information and instructions for completing this table. If this is a multi-community application, use the additional rows for each of the communities in the Group.

Community Name	Community Type (Municipality, Tribal Government, Plantation, Township, or Unorganized territory)	Region (1, 2, 3, 4)	Population	Social Vulnerability (low, medium, high)
City of Portland	Municipality	1	68,000	Medium

Criteria 4: Maine Won't Wait Strategy and Action(s)

Project Title
Electrify Everything! Building Electrification & Efficiency Outreach Campaign
For no-match grants, which Maine Won't Wait strategy <u>and</u> action(s) does the project seek to implement?

For grants to support other community-defined climate priorities, applicants must describe the project and how it meets the goals of Maine Won't Wait and complete the cost-share table in the budget worksheet below.

H2: Create a climate change education, outreach, and engagement program focusing on mitigation and adaptation for residents and businesses.

H5: Engage populations that are vulnerable to climate impacts in resilience, clean energy, and GHG emissions reductions.

H6: Create and support an energy reduction campaign or challenge among businesses.

Criteria 5: Scope of Work

Project Description

Describe the proposed project, including the specific tasks and deliverables, roles and responsibilities, and expected outcomes.

The Electrify Everything! education campaign will connect residents and commercial building owners with resources that can be used to improve energy efficiency, electrify, and weatherize buildings in Portland which currently account for more than 60% of the city's greenhouse gas emissions. Outreach to low income and marginalized communities will be a priority with program materials translated into the six most commonly spoken languages other than English and City funded energy efficiency incentives for low and moderate-income residents.

We will build on our successful Electrify Everything! model to match participants with technical information, rebates, and financing from program partners (including Efficiency Maine) as well as information about Federal tax deductions for home electrification. We will use \$75,000 appropriated by the Portland City Council to provide low and middle income residents with rebates for items such as induction cooktops to replace gas stoves, energy conservation tools such as clothes drying racks, and "do it yourself" weatherization kits. To ensure our programs reach underserved members of the community including low-income residents, BIPOC, and immigrants we will translate program materials into Spanish, Portuguese, Vietnamese, Arabic, Somali, and French. We will use paid advertising in publications read by the immigrant community, and work with local organizations that support immigrant communities to share information about our program with their constituents.

This campaign has three components

1. Updating community-wide greenhouse gas inventory to provide the community with current information about greenhouse gas emissions in Portland
2. Outreach to residents
3. Outreach to commercial and multi-tenant residential building owners

Task One: Update Community Wide Greenhouse Gas Inventory

Providing residents with information about our current emissions will be an essential part of a transparent educational campaign. Our last greenhouse gas inventory was conducted as part of our climate action plan, One Climate Future, and used data from 2017. The initial inventory showed that more than 60% of Portland's GHG emissions came from the building sector. Updating our community-wide GHG inventory will identify progress toward our climate action goals and help us focus our efforts where they will be most impactful. Our last GHG inventory followed the BASIC approach to the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories, which [recommends that cities update their inventory](#) regularly. To ensure we are able to keep our inventory current in the future, the hired consultant will provide staff in the Sustainability Office with professional training so we can do future inventories ourselves. The updated inventory will inform messaging to residential and commercial stakeholders.

Tasks/Deliverables:

- Contract with consultant to conduct our GHG inventory based on the model used in One Climate Future
- With guidance from our consultant, City staff will collect the necessary data to run the model.
- The consultant will do quality assurance work on the data and complete the inventory. During the process they will train City staff on the model and ensure they are able to complete future GHG inventories in house so the inventory can be completed regularly without the use of consultants.

Task Two: Residential

Our campaign will seek to engage low and moderate-income residents as well as members of the immigrant community who will benefit the most from energy efficiency, weatherization, and electrification due to their high energy burden. We will accomplish this by having program materials professionally designed to be visually appealing and by conducting two direct mail campaigns that will send informational postcards to all residents in Portland. We will also use social media, flyers, webinars, and tabling to reach residents. Program materials will be translated into the 6 most commonly spoken languages in Portland other than English.

All of our outreach materials will direct people to the City's online outreach platform, [Zen City](#), which we will use to organize the campaign and interact with residents. The Zen City platform gives us the ability to host surveys, receive and answer questions, and gather public input in multiple ways. We feel this tool is effective based on our experience using it during the development of our successful community composting program. The platform has the ability to provide site content in multiple languages so residents directed there by our translated mailers or flyers will be able to access the content in the language of their choice.

To make our content even more accessible we propose to create short videos explaining the benefits of weatherization, electrification, and energy efficiency in English and in our 6 most commonly spoken languages other than English. These videos will be hosted on the Zen City platform and on community access TV as public service announcements.

We will attract residents to access our electrification and weatherization information by promoting our DIY Electrify! incentive which provides residents making 80% or less of local median income up to \$250 in rebates for eligible small appliances and energy conservation tools. (The City Council approved this funding exclusively for rebates to LMI residents.)

Tasks/Deliverables:

- Draft outreach materials to support the residential outreach campaign.
- Hire a graphic designer to design attractive and effective outreach materials for the residential and commercial campaign. The designer will incorporate the messaging developed by the Sustainability Office staff to create flyers, mailers, printed advertisements, and social media content in formats ready to print. (The design theme will be the same for the residential and commercial components of the campaign.)
- Hire a translator to translate the campaign materials into the six most commonly spoken languages other than English: Somali, Vietnamese, Arabic, French, Portuguese, and Spanish.
- Have the campaign materials printed and prepared for use beginning in early 2024.
- Sustainability Office staff will create a campaign out of the City's community engagement platform ([Zen City](#)) so that program information is more readily updated and accessible, translated into 6 languages other than English, and easy to subscribe to updates or new announcements about the program.
- During the course of the campaign, City staff will host educational events including webinars, tabling days, and in-person events with partners such as Efficiency Maine, Window Dressers, Rewiring America, and others. Webinars will be open to any Maine resident.
- Produce informational videos in English, Spanish, Portuguese, Somali, French, Arabic, and Vietnamese.
- Promote the program via paid advertisements in Amjambo Africa (a newspaper read by many members of the immigrant community), social media, posters/flyers, and two mailers to be sent to all Portland residents.
- The DIY Electrify! program is currently funded and we are waiting to implement it to maximize the effectiveness of the broader residential outreach program.

Task Three: Commercial Outreach

This element of our outreach campaign will target commercial and multi-tenant residential property owners to encourage them to reduce their energy use through weatherization, energy efficiency measures, and by adopting renewable energy. The centerpiece of this effort will be four in-person energy summits for commercial property owners and building managers. These will be opportunities to provide information about the benefits of energy efficiency and renewable energy and to provide information about the technical and financial resources available from Efficiency Maine, Federal tax incentives, and other programs including C-PACE. (We anticipate the City of Portland will adopt C-PACE later this calendar year.). We will also highlight energy efficient buildings in Portland and use them as case studies for success. In addition, we plan to sponsor 50 buildings to use Clearly Energy's Building Optimizer Toolkit, which will provide the building owners with a customized list of recommendations for energy performance improvements based on detailed information about their building's energy use and building systems. This will help them make decisions about the most cost effective way to make improvements.

Tasks/Deliverables

- Draft outreach materials to support the commercial outreach campaigns.
- Hire a graphic designer to design attractive and effective outreach materials for the campaign. (The design theme will be the same for the residential and commercial components of the campaign.)
- Sustainability Office will host four educational events for commercial building owners (especially owners of large buildings in Portland) with speakers from Efficiency Maine, Clearly Energy, NEEP, and others to present on topics such as C-PACE financing,

- energy efficiency improvements, solar in Maine, and energy procurement. These events will highlight high performing buildings in Portland and share successful retrofit examples and resources for building owners.
- The Sustainability Office will sponsor 50 commercial and multi-tenant residential buildings to use the Clearly Energy Building Optimization Tool. This tool uses utility data and building specific information to create a roadmap for owners to follow to improve energy efficiency and reduce their energy costs.

Project Timeline

Describe the timeline for completing each task or deliverable and the expected completion of the grant-funded project.

Fall 2023

- Hire a consultant to update the City's GHG inventory and train Sustainability Office staff to complete future updates in house.
- Draft outreach materials to support the residential and commercial outreach campaigns.
- Hire a graphic designer to design attractive and effective outreach materials for our campaign. The designer will incorporate the messaging developed by the Sustainability Office staff to create flyers, mailers, printed advertisements, and social media content in formats ready to print.
- Hire a translator to translate the campaign materials into the six most commonly spoken languages other than English: Somali, Vietnamese, Arabic, French, Portuguese, and Spanish.
- Have the campaign materials printed and prepared for use beginning in early 2024.
- Sustainability Office staff will create a campaign on the City's community engagement platform ([Zen City](#)) so that program information is more readily updated and accessible, translated into 7+ languages, and easy to subscribe to updates or new announcements about the program.
- Hire local translators and the Portland Media Center to create the first round of informational videos in the six most commonly spoken languages other than English.

Winter 2024

- Hold a press event to announce the launch of the Electrify Everything! Campaign.
- Launch the project website on the Zen City platform.
- Send the first round of postcards to all residents.
- Begin accepting DIY Electrify! rebate requests from residents -ongoing throughout the grant period until rebate funds are exhausted.
- Hold an informational webinar -ongoing throughout the grant period.
- Begin sharing promotional materials (social media posts, flyers, etc.) -ongoing throughout the grant period.
- Engage community partners to share translated print materials and videos -ongoing throughout the grant period.
- Purchase 6 months of print and digital advertising space in Amjambo Africa.
- Send outreach mailer to commercial and multi-tenant residential building owners.
- Recruit the first round of building owners (20 commercial or multi-tenant residential buildings) to use the Building Optimization Tool.

Spring 2024

- Continue residential outreach campaign.
- Onboard first round of commercial buildings to use the Building Optimizer Toolkit.
- Organize and host the first commercial energy efficiency summit.

Summer 2024

- Continue residential outreach campaign.

Fall 2024

- Continue residential outreach campaign.
- Organize and host the second commercial energy efficiency summit.
- Send the second round of postcards to all residents.
- Hire local translators and the Portland Media Center to create the second round of informational videos in the six most commonly spoken languages other than English.

Winter 2025

- Continue residential outreach campaign.
- Purchase another 6 months of print and digital advertising space in Amjambo Africa with an advertisement about the Electrify Everything! Program.
- Send outreach mailer to commercial and multi-tenant residential building owners.

Spring 2025

- Continue residential outreach campaign.
- Organize and host the third commercial energy efficiency summit.
- Begin onboarding the second round of commercial buildings (30 buildings) to receive a sponsorship for the building optimizations tool.

Summer 2025

- Continue residential outreach campaign.
- Organize and host the fourth commercial energy efficiency summit recognizing the progress from buildings using the Building Optimization Toolkit.

Choose the desired grant period: ☐ 12 months or ☒ 24 months

Note: The grant performance period is expected to begin on or around September 1, 2023.

Project Need

Describe the need for the project. Why is this project a community priority?

Our City Council has committed to reduce community wide greenhouse gas emissions by 80% before 2050. In order to meet this goal we need the owners of commercial and

residential buildings to weatherize, electrify, and adopt energy conservation measures. Fortunately, there are unprecedented financial resources available in the form of Federal tax incentives, Efficiency Maine rebates and loans, and locally funded rebates. However, we have not had the budget to conduct a robust education and outreach campaign to alert all of our residents about these opportunities and the benefits they would accrue by using them. Low income and immigrant residents who pay a disproportionate amount of their income for heating and cooling would most benefit from energy efficiency measures but are the most difficult to reach using free and low cost outreach efforts such as social media and flyering. Funding a broad campaign featuring printed materials and videos in languages other than English will help ensure that marginalized residents learn about funding opportunities available and have an opportunity to benefit from them. This aligns with our One Climate Future goal to ensure that we do not leave people behind during the energy transition. On the commercial side, owners of larger commercial and multi-tenant residential buildings need to learn about ways to improve building efficiency and the range of affordable funding mechanisms available to them. We have learned through our energy benchmarking program that many property owners do not fully understand the opportunities available to reduce costs through energy conservation and upgraded building systems. Reducing energy consumption in commercial buildings will help the City meet its climate goals and provide business owners with savings they can invest back into their business. Improving energy efficiency in larger multi-tenant residential buildings will improve home comfort for the renting community in Portland.

Community Engagement and Equity Considerations

Describe your approach to community engagement. Maine's climate response must ensure shared benefits across diverse populations of Maine people. Applicants should include robust community engagement in their action grant proposals, for example inclusive planning processes so that diverse community voices are able to participate. Climate change impacts will create the greatest hardships for already marginalized communities, and Maine must identify and promote solutions to help the people most vulnerable to climate impacts. Applicants should consider the potential benefits of their proposed climate action projects and, if applicable, describe how the project distributes those benefits equitably.

This campaign will engage members across the community about the benefits of renewable energy & energy efficiency, the hidden role that the building sector plays in climate change, and the programs and resources that provide solutions to all who live and work in Portland.

This robust campaign is designed to help us engage with individuals that we sometimes struggle to reach in our community, such as senior citizens, immigrants and new Mainers, minority groups, people with disabilities, renters, new residents in a community, people who don't have access to the internet or social media, or those that are not a part of organized groups. This group includes populations that may be disproportionately affected by climate impacts and could reap benefits - such as cost-savings on heating bills and increased comfort in homes - from City and state programs.

Advertisements in Amjambo Africa will help us provide information to new Mainers and English, French, Kinyarwanda, Portuguese, Swahili, Somali, and Spanish-speaking residents in Maine. We work with partners such as partners such as Quality Housing Coalition, Avesta Housing or Gateway Community Services to help spread information to harder-to-reach populations.

Our translated videos will also help us ensure that we have basic program details described in multiple languages in a convenient and easy-to-share format.

While this campaign is centered around reducing emissions in the building sector, it also supports our goal to build an inclusive, resilient, and safe future for our community members by including the diversity of residents in the engagement process. This spreads knowledge, strengthens relationships between City resources and community groups, and supports our work to include harder-to-reach groups in the transition to clean energy.

As stated in One Climate Future, “Our goal is to reduce emissions in a way that creates abundance— through quality jobs in sustainable industries; through a circular economy that creates potential instead of waste; through protecting and strengthening the health of our ecosystems and communities; and through ensuring that everyone, regardless of where they are starting from, has access to this future.”

Criteria 6: Budget

Budget Narrative

Please provide a detailed explanation of your proposed project expenses organized by task, including how the proposed grant funding will be combined with other funding sources to support the project.

The City requests \$45,200 to launch this “Electrify Everything! Building Electrification & Efficiency Campaign” in Portland. The requested funds would be used for the following tasks:

Task 1 - updating the community GHG inventory: \$10,000 for updating Portland’s community-wide greenhouse gas inventory. This will include having contracted consultant train City staff to gather the appropriate data and to operate the emissions model so we can conduct future inventories ourselves.

Task 2: Build and deploy an inclusive energy efficiency campaign for Portland residents. Task 2 funding will ensure we reach as many residents as possible and will leverage the opportunity for LMI residents to receive City funded rebates to draw attention to our larger electrification and efficiency message.

Budgeted expenses in the grant request:

- Graphic designer to create engaging campaign materials: \$7,500
- Translation services: \$1,000
- Video production services: \$2,000
- Paid advertising in Amjambo Africa (two 6-month ¼ page advertisement space packages in Amjambo Africa print and digital– one 6-month run each year of the grant): \$4,200
- Printing (flyers, posters, and other promotional materials): \$2,000
- Mailing services (one postcard mailer to all residents each year of the grant- \$7,000x2): \$14,000

Task 3: Build and deploy an energy efficiency campaign for commercial properties. The Sustainability Office will augment existing outreach funding for large commercial and multi-tenant residential property owners who participate in Portland's Energy and Water Use Benchmarking Ordinance (one mailer per year - \$1,200 total).

Budgeted expenses in the grant include:

- Onboarding 50 Portland buildings to access and use the Clearly Energy's Building Optimizer Toolkit. 20 buildings to be onboarded in year one and 30 buildings to be onboarded in year two. (\$50 per building x 50 buildings): \$2,500
- Host 4 educational events for commercial property owners to connect building owners with Efficiency Maine resources, C-PACE financing information, recognize high performing buildings in Portland, and more. (\$500 x 4 events over two years): \$2,000
-

Cost-Share Table (if applicable)

Which cost share applies to the lead applicant?

What is the project cost share amount?

A cost share will apply For Climate Action Grants that implement other community climate and energy priorities (i.e., activities not found in the Community Action Inventory).

Tier 1: Communities with populations less than 4,000

Tier 2: Communities with EITHER populations between 4,000 and 10,000 OR tax assessment less than \$25 million (according to State Revenue Sharing data).

Tier 3: Communities with populations greater than 10,000 AND tax assessment greater than \$25 million (according to State Revenue Sharing data).

Tier 1	Tier 2	Tier 3
--------	--------	--------

10% local match	10% local match	20% local match
Our project seeks a grant of \$45,200 to augment \$75,000 in American Recovery Act Funds already appropriated by the Portland City Council to support Electrify Everything! and an additional \$1,200 appropriated for outreach and education. The total project cost is \$121,400. City funds account for 63% percent of the total project cost.		

Budget Worksheet			
Project Task	Funds Requested	Other Funds (match, rebates, etc.)	Total Project Budget
Task 1	\$10,000		\$10,000
Task 2	\$30,700	\$75,000	\$105,700
Task 3	\$4,500	\$1,200	\$5,700
Task 4			
(add additional tasks as needed)			
Total	\$45,200	\$76,200	\$121,400

IMPORTANT: The applicant's budget narrative and budget worksheet must include any applicable incentives or rebates (for example, from Efficiency Maine) at the time of application, including for electric vehicles and charging equipment, heat pumps and VRF systems, LED lighting, and water heaters.

State of Maine
Governor's Office of Policy Innovation and the Future
LETTERS OF SUPPORT
RFA# 202305100
Community Resilience Partnership Community Action Grant

Applicants are strongly encouraged to include letters of support from municipal and county officials, local civic leaders, or state legislators.

If this is a collaborative application from multiple communities, all participating communities must include a letter of support.