

Introduction

This document provides additional details on the scope, data source(s), and/or analytical steps required to develop metrics presented on the Portland Clean Energy Community Benefits Fund (PCEF) dashboard. Only sections that were deemed needing additional documentation beyond the information presented on the dashboard are included.

Contents

Language Access	1
Overview	2
Total allocated PCEF funding	2
Nonprofits supported through Community Responsive Grants	2
Community Responsive Grants awarded	2
Community Responsive Grants	2
Prioritizing grant awards	2
Climate benefits	3
Lifetime emissions reduction estimates	3
Emissions factors	3
Energy efficiency	4
Green infrastructure	4
Renewable energy	4
Transportation decarbonization	4
Workforce development	4
Contractor development	4
Direct support	4
Subcontracting	5
Contractor workforce diversity	5
Community engagement	5

Language Access

The City of Portland ensures meaningful access to City programs, services, and activities to comply with Civil Rights Title VI and ADA Title II laws and reasonably provides: translation, interpretation, modifications, accommodations, alternative formats, auxiliary aids and services. Request these services [online](#) or call [503-823-4000](tel:503-823-4000), Relay Service: [711](tel:711).

Explanations for dashboard sections

Overview

Total allocated PCEF funding

This is the amount approved by City ordinance and includes all previous rounds of Community Responsive Grant funding and funding approved through the [Climate Investment Plan](#). This amount excludes the default 10% contingency¹ set-aside. Amendments to the Climate Investment Plan recommended by the PCEF Committee in 2024 were not officially adopted by Council as of March 31, 2024, and are excluded from this iteration of the dashboard. Note that the majority of this funding is allocated to programs that have not yet launched.

Nonprofits supported through Community Responsive Grants

This is the count of unique nonprofits that received Community Responsive Grants via a request for proposals (RFP) through RFP 1, RFP 2, Mini Grants, or Cooling Portland. Nonprofits serving as the equipment purchase partner (EPP) or community distribution partners (CDPs) for Cooling Portland are included in this count.

Community Responsive Grants awarded

Includes grants awarded through RFP 1, RFP 2, Mini Grants, and the Cooling Portland program. Cooling Portland is counted as one grant. Any RFP 1 or RFP 2 grants that were cancelled are excluded from this count.

Community Responsive Grants

Includes grants awarded through RFP 1, RFP 2, Mini Grants, and the Cooling Portland program.

Prioritizing Grant Awards

Includes organizations receiving grants awarded through RFP 1, RFP 2, Mini Grants, and the Cooling Portland program. Organizations are considered reflective of [PCEF priority populations](#) if the majority (more than 50%) of staff (including staff leadership) and board of directors reflect the community the project is intended to serve. Additional details on how this designation was applied to each of the grants are described below, if applicable.

Community Responsive Grants

¹ A contingency set-aside is a portion of grant funding, in this case up to 10%, that PCEF reserves beyond the amount a grantee initially requests. This reserve is intended to cover unexpected costs that may arise during the project, such as inflationary pressures, grant reporting, administration, or technical assistance.

In the case of projects whose beneficiaries are people who have low income, this may include prior rather than current lived experience.

Demographics of staff and board of directors were collected during the application period for RFP 1 and RFP 2.

Mini Grants

Demographics of staff and board of directors were collected during the application period. Organizations are considered reflective of PCEF priority populations if it serves one or more of the PCEF priority population categories below, and more than half of organization's staff and board identify with the populations being served:

- Black people, Native American/Alaska Native people, other people of color.
- People with low incomes. Staff or board members who have previously experienced low income are considered reflective of this population.
- People experiencing intellectual or developmental disabilities.
- Women, girls, transgender people, two-spirit people, gender non-conforming people, other groups of people who experience gender or sex-based discrimination in the workplace.

Application Support Grants (subcategory of Mini Grants)

Organizational demographics were not asked about in these applications, so where possible, information from other applications an organization submitted through the RFPs or Mini Grant applications was used to assign whether the organization was reflective of the priority population. Where supplemental information was not available, the organization was assumed to be not reflective.

Cooling Portland

Organizational demographics were collected as part of the application process and in quarterly reports.

Climate Benefits

Lifetime emissions reduction estimates

Emissions reduction estimates were developed for implemented and completed projects with energy efficiency, renewable energy, green infrastructure, or transportation decarbonization activities. Emissions reduction estimates were calculated over an assumed lifetime of the measure or mix of measures for programs that implement projects that include physical infrastructure or technologies.

Emissions factors

Emissions factors were used to convert electricity and fuel savings into CO₂e values. The annual, weighted average electricity emissions factors for Portland from 2020-2022 were calculated with the utility emissions factors from the Oregon Department of Environmental Quality and electricity sales from utilities' annual reporting. The emissions factor was then assumed to linearly reduce to zero by 2040, as per HB 2021. These annual emissions factors were then adjusted to account for line loss factor drawn from state-level data from Energy Information Administration (EIA).

The emissions factors for natural gas and heating oil (Distillate Fuel Oil #2) were sourced from the Oregon Department of Energy (ODOE) Year End Report.

Energy Efficiency

Energy efficiency savings from completed single family and multifamily retrofits were developed based on available reporting data. For most of the projects, savings were developed using pre-and-post retrofit Home Energy Scores (HES) or another energy modeling software. For projects where modeled savings were not available, deemed savings Regional Technical Forum and Energy Trust of Oregon, as well as industry research, were applied to measure data collected from the grantee projects. Savings from the Regulated Affordable Multifamily New Construction strategic program are not included at this point as the projects have not been completed. There are no savings estimated through Cooling Portland as the program was envisioned as a health and safety program.

Green Infrastructure

For grants that planted trees, the species distribution is based on historical planting by Urban Forestry, and carbon sequestration and avoided carbon estimates are calculated with iTree Planting. Greenhouse gas (GHG) savings are calculated over a 50-year timeline, with an assumed tree mortality of 2% annually.

For green infrastructure projects with bioretention or pervious pavement, sequestered CO₂ values and avoided energy values, as well as lifetime assumptions, were drawn from the Federal Emergency Management Agency (FEMA)'s report [Economic Benefit Values for Green Infrastructure](#).

Renewable Energy

Estimated solar energy generation from rooftop solar installations is assumed to offset grid-produced electricity and is included in the GHG reduction estimates.

Transportation Decarbonization

Emissions reductions are calculated for electric vehicle (EV) loans and purchases by comparing the emissions from the new electric vehicle to the baseline fossil fuel vehicle. The annual miles traveled are assumed to remain constant. Where available, fuel efficiency for specific vehicle models and annual vehicle miles traveled (VMT) provided by the grantee are used. Otherwise, fuel efficiency for the vehicles replaced is sourced from the U.S. Department of Energy's [Alternative Fuels Data Center](#), and fuel efficiency for the new electric vehicles is based on an average across a catalog of vehicles available in the market. Annual VMT assumptions are sourced from [Oregon Metro](#).

Workforce Development

This section shows the number and demographic breakdown of trainees who participated in workforce education programs hosted by RFP 1 and RFP 2 grantees. Trainees that indicated multiple race or gender identities are counted once per identity in the breakdown by race or gender. Trainees that did not indicate a race or gender identity are excluded from the breakdown by race or gender.

Contractor Development

Direct Support

This section shows outcomes for RFP 1 and RFP 2 grants that supported businesses and offered workforce training programs. Three types of support are offered: startup, grow/scale, and stabilize. Businesses that participated in multiple types of support are counted once for each type of support they received.

Subcontracting

This section shows the expenditures from RFP 1, RFP 2, Mini Grants, and Cooling Portland grants that are subcontracted out to businesses or contractors. Only expenditure documentation submitted on or before March 31, 2024, are included.

Contractor Workforce Diversity

This section shows metrics on staff that worked on RFP 1 and RFP 2 grant projects that were employed by organizations contracted with the grantees. Individuals who serve in nonprofit staff roles but are paid as contractors are included in this page; otherwise, nonprofit staff paid through payroll are not included.

Workers that indicated multiple race or gender identities are counted once per identity in the breakdown by race or gender.

Community Engagement

Engagement events that include multiple engagement activities are counted once per applicable activity.