



Commercial Form

Will the proposed project use PCEF funds for commercial energy efficiency? [\[Yes/No conditional\]](#)

Yes No

[\[If yes\]](#) This form is required for your project, please fill out the fields below.

[\[If no\]](#) This form is not required for your application. Click the green "Save Form" button in this section, then click "Mark as Complete". You can navigate to the next form by clicking the blue "Next" button at the bottom of the page.

Section 1: Project Details

Provide any details known. If not known, select or enter "Not known". Submit this form for each site that you would like to include in this grant. If one site has multiple buildings, enter a separate form for each building. If the "Add Row" option is not available, make sure to click "Save Form" in a previous section first.

- 1.1. Building Identifier (building number or nickname): [\[Short text\]](#)
- 1.2. Total cost of energy efficiency/ renewable project including any other funds: [\[Numeric response, in dollars\]](#)
- 1.3. Are you applying for net zero funding for this project?
 - [\[If yes\]](#) What is the total eligible construction budget for this project (available net zero funding will be 25% of this budget). Please read the Net Zero section of the application handbook carefully to ensure only eligible expenses are included in this total.
 - [\[If yes\]](#) PCEF grant request for this site/ building (this amount should equal the total of the individual measure costs you provide below): [\[Numeric response, in dollars\]](#)
- 1.4. Estimated project start and completion dates, noting major phases: [\[500-character text box, no formatting\]](#)
- 1.5. New Construction or Retrofit: [\[Dropdown, single selection\]](#)
 - New construction or major renovation
 - Retrofit
- 1.5. Existing Building Use: Please select the most relevant building use for existing building(s): [\[Single-select dropdown\]](#)

Building Type Category	Example Building
Education	Adult Education, College/University, K-12 School, Preschool/Daycare, Vocational School
Entertainment/public assembly	Aquarium, Bar/Nightclub, Bowling Alley, Casino, Convention Center, Fitness Center/Gym, Ice/Curling Rink, Indoor Arena, Movie Theater, Museum, Performing Arts, Racetrack, Roller Rink, Social/Meeting Hall, Stadium (Open or Closed), Swimming Pool, Zoo
Food sales and service	Bar/Nightclub, Convenience Store (with or without Gas Station), Fast Food Restaurant, Food Sales, Food Service, Restaurant, Supermarket/Grocery Store, Wholesale Club/Supercenter
Healthcare	Ambulatory Surgical Center, Hospital (General Medical & Surgical), Medical Office, Outpatient Rehab/Physical Therapy, Residential Care Facility, Senior Living Community, Urgent Care/Clinic/Other Outpatient
Lodging/residential	Barracks, Hotel, Prison/Incarceration, Residence Hall/Dormitory, Senior Living Community Tenant Spaces
Mixed use	Mixed Use Property
Office	Medical Office, Office, Veterinary Office
Parking	Parking
Public services	Courthouse, Drinking Water and Wastewater Treatment Plants, Energy/Power Station, Fire Station, Library, Mailing Center/Post Office, Police Station, Transportation Terminal/Station
Religious worship	Worship Facility
Retail	Enclosed Mall, Lifestyle Center, Retail Store, Strip Mall, Vehicle Dealership
Technology/science	Data Center, Laboratory
Services	Personal Services (Health/Beauty, Dry Cleaning, etc.), Repair Services (Vehicle, Shoe, Locksmith, etc.)
Warehouse/storage	Self-Storage Facility, Distribution Center, Refrigerated and Non-Refrigerated Warehouses
Other	Other building types that do not fit any of the above categories

- Drop down options:
- Education
- Entertainment/public assembly
- Food sales and service
- Healthcare
- Lodging/residential (barracks, hotel, dormitory, senior living, etc.)
- Office
- Parking
- Public services
- Religious worship
- Retail
- Technology/science
- Services (Health, dry cleaning, car repair, locksmith, etc.)
- Warehouse/storage
- Mixed Use, describe here: [\[Short text\]](#)
- Other, describe here: [\[Short text\]](#)

1.6. Proposed Building Use: Please select the most relevant building use for the proposed building(s).
[Single-select dropdown] Please see the previous question for a more detailed description of each building use.

- Education
- Entertainment/public assembly
- Food sales and service
- Healthcare
- Lodging/residential (barracks, hotel, dormitory, senior living, etc.)
- Office
- Parking
- Public services
- Religious worship
- Retail
- Technology/science
- Services (Health, dry cleaning, car repair, locksmith, etc.)
- Warehouse/storage
- Mixed Use, describe here: [Short text]
- Other, describe here: [Short text]

1.7. Location: Neighborhood/City quadrant/Part of City: [Short text]

1.8. Location: Address or Nearest Address (if known): [Short text, address]

1.9. Building information (known or target):

- Year built: [Numeric response]
- Building square footage [Numeric response]
- Average annual hours of occupancy (hours per day x days per week the building is occupied): [Numeric response]

1.10. Check box to indicate primary heating fuel, and enter annual energy usage for each applicable fuel type (don't enter usage for new construction): [Multi-select checklist]

- Electric
- Natural gas
- Heating fuel oil
- Steam
- Other

1.11. Enter annual energy usage for each applicable fuel type (don't enter usage for new construction)

- kWh [Numeric response in kWh]
- therms [Numeric response in therms]
- gallons [Numeric response in gallons]
- Other [Short text]

1.12. Electric utility: [Drop down, single selection]

- PGE
- Pacific Power
- Not known

Section 2: Targeted annual energy savings per building

If you have savings estimates from custom analyses or energy modeling, please fill this section out.

Otherwise, if you don't have an estimate at this point, leave blank.

2.2. Estimated net electricity and natural gas reduced:

If your project is planning fuel-switching, please subtract any increase in electricity use from the projected kWh savings.

- a. Electricity: [Numeric response, kWh]
- b. Natural gas: [Numeric response, therms]

2.3. Other fuel type reduced:

- a. Other fuel: [Numeric response, Btu]
- b. Other Fuel Type: [Dropdown, single selection]
 - Electric
 - Natural gas
 - Gasoline
 - Heating fuel oil
 - Propane
 - Wood
 - Pellets
 - Other: describe here: [Short text]
 - Not known: describe here: [Short text]

2.4. Please briefly explain how you calculated the targeted energy savings. [Long text, 300 characters]

Note that there is a space at the end of this form to upload documentation for measures and any analyses conducted. You may point us to specific attachments instead of rewriting the explanation in this field.

2.5. Please describe your approach to maintain the energy investments over time. [Long text, 300 characters]

Section 3: Targeted Measures

Targeted high efficiency measures this project will receive using PCEF funding. If you don't know specific scopes, please indicate the measures your project intends to prioritize. Each response line should represent a single measure.

Section 3-A: **RETROFITS**

Retrofits [Show all of Section 3-A if "Retrofits" selected in Section 1, question 5]

For retrofits: [Dropdown, single selection]

- Advanced Controls for Walk-ins (per unit)
- Air Cooled VRF Multi-Split Heat Pumps (per square foot)
- Air Cooled VRF Multi-Split Heat Pumps (Per ton of rated DHP heating capacity at 47°F)
- Antisweat Heater Controls (per linear foot (width) of display case)
- Demand Control Kitchen Ventilation (per motor HP)
- Destratification Fan (per unit)
- DHW Recirculation Controls - Electric Water Heat (per unit)
- Ducted Heat Pump (per cooling ton)
- Ductless Heat Pump (per cooling ton)
- Efficient Windows: U-0.265 (Electric) (per square foot)
- Energy Recovery Ventilator (per unit)
- Garage Ventilation Exhaust Controls (per CFM)
- Heat Pump Water Heater (per water heater)
- Hydronic Heating Circulator Pumps (per pump)
- LED Lighting (per unit)
- LED Refrigeration Case Lighting (per foot of lamp)
- Lighting Controls (per unit)
- Low-Flow Fixtures (per unit)
- Packaged Terminal Heat Pump (per PTHP)

- Pool Covers (per square foot)
- Pump VFD (per pump)
- Roof or Attic Insulation (per square foot)
- Rooftop Unit Controls (per cooling ton)
- Secondary Glazing System (Retrofit) (per square foot)
- Server Closet Mini Split A/C (per cooling ton)
- Smart Thermostats (per unit)
- Wall Insulation (per square foot)
- Other - describe the measure(s), including the units, and how the proposed measure(s) will save energy: [1,000-character text box]

Quantity (e.g. number of ductless heat pump units, square feet of insulation): [numeric response]

Total cost for all quantities: [Numeric response, in dollars]

Section 3-B: **NEW CONSTRUCTION or MAJOR RENOVATION**

New construction or major renovation [Show all of Section 3-B if “new construction or major renovation” selected in Section 1, question 5]

For new construction or major renovation: [Dropdown, single selection]

- Advanced Controls for Walk-ins (per unit)
- Air Cooled VRF Multi- Split Heat Pumps (per square foot)
- Air Cooled VRF Multi- Split Heat Pumps (Per ton of rated DHP heating capacity at 47°F)
- Demand Control Kitchen Ventilation (per motor HP)
- DHW Recirculation Controls - Electric Water Heat (per unit)
- Ducted Heat Pump (per cooling ton)
- Ductless Heat Pump (per cooling ton)
- Efficient Windows: U-0.265 (Electric) (per square foot)
- Energy Recovery Ventilator (per unit)
- Garage Ventilation Exhaust Controls (per CFM)
- Heat Pump Water Heater (per water heater)
- Hydronic Heating Circulator Pumps (per pump)
- LED Refrigeration Case Lighting (per foot of lamp)
- Lighting Controls (per unit)
- Low-Flow Fixtures (per unit)
- Packaged Terminal Heat Pump (per PTHP)
- Pool Covers (per square foot)
- Pump VFD (per pump)
- Rooftop Unit Controls (per cooling ton)
- Secondary Glazing System (Retrofit) (per square foot)
- Server Closet Mini Split A/C (per cooling ton)
- Smart Thermostats (per unit)
- Wall Insulation (per square foot)
- Other - describe the measure(s) and how the proposed measure(s) will save energy: [1,000-character text box]

Quantity (e.g. number of ductless heat pump units, square feet of insulation): [numeric response]

Total cost for all quantities: [Numeric response, in dollars]

Section 4: Optional Attachments

If available, the following are helpful to include:

- Energy study
- Utility billing data (ex. monthly bills for electricity and gas)
- Equipment cutsheets or submittals

For measures where a custom analysis has been conducted, please share documentation with assumptions, calculations, and savings estimates. This may include the following:

- A description of the existing system, the methodology used for the baseline (including calculations, operating hours per year, model inputs/outputs, and assumptions), and a summary of baseline results which include energy usage.
- Assumptions made in the determination of the baseline energy usage and efficient case energy usage. This can include any assumptions regarding engineering estimates, best practices, calculations, industry standard, etc. Note the source of the assumptions.

Upload attachments here: [\[upload link\]](#)

City Districts

The City of Portland recently created new district maps to match the new City Council structure. In this question we are asking you to estimate how much of your requested funding amount for the funding area covered in this form is going to each of Portland’s four geographic districts. [Link to district map.](#)

1.1. Does all or part of the funding for activities covered in this funding area form provide benefits to specific parts of Portland? If you are proposing any of the following, select “Yes”:

- Providing services, events, or programs (e.g. education, engagement) focused on reaching communities living in or organizations based in specific parts of Portland
- Implementing or maintaining physical improvements (e.g. gardens, building upgrades) in specific parts of Portland
- Providing physical assets (e.g. bikes, EVs) to individuals living in or organizations based in specific parts of Portland

Yes, funding is providing geographic benefits

No, funding is allocated city-wide or not sure

[\[If yes\]](#) Please fill out “Section 3-B: City Districts” below

[\[If No / Not sure\]](#) No further information is needed.

City Districts

[\[Conditional logic to show if previous question is yes, hide if no\]](#)

For this funding area, use the fields below to estimate how much of your requested funding amount for the funding area covered in this form is going to each of Portland’s four geographic districts. The total must equal 100%. [Link to district map.](#) [\[Numeric questions, all in the same line\]](#)

District 1	District 2	District 3	District 4	Total (Must equal 100%)
				[Auto calculated]