

ENERGY EFFICIENCY PROJECT FORM – DRAFT

This form has different sections for different kinds of energy efficiency projects. You only need to complete the sections for the type(s) of project you are doing. You do not need to have all of the information requested; we understand that sometimes buildings that are going to be improved have not yet been identified. In these cases, staff will use a standard set of assumptions to replace specific information. All narrative boxes will expand so please use as much space as needed to provide the information requested.

Existing **single family residential** (1 to 4 units per building)

1. Number of residential units the project will improve _____
2. Do you know the specific or general location(s) of housing units that will be served?
 - a. Yes, please provide a description (e.g. major cross streets, neighborhood)

Narrative response

☐ No, continue to next question

3. Is there a certain kind of home your project hopes to serve? (e.g. older home, homes with wood or heating oil as the primary heat source, etc.)
 - a. Yes, please describe:

Narrative response

☐ No, continue to next question

4. Which utilities serve the home(s) your project will improve?
 - a. Electric utility _____
 - b. Heating utility _____
5. What is the estimated average square footage of each housing unit: _____square feet per house (if known)
6. What is the estimated or target average budget for improvements in each housing unit \$_____per house
7. If known, provide the average annual estimated baseline energy consumption per housing unit
 - a. _____ kwh/year
 - b. _____ therms/year

8. If known, provide the type(s) of fuel and an estimate of the amount of each fuel that will be saved or displaced as a result of your project.

Narrative response

9. What is the average age of the homes your project will improve?

a. _____ years

☐ unknown

10. Which of the following types of projects will you be doing?

☐ Deep whole home energy efficiency improvements

☐ Light home energy efficiency improvements

☐ Single measure energy efficiency improvements

11. Measures that are likely to be implemented as part of the project (check all that apply)

☐ Insulate the slab and foundation walls

☐ Air sealing and moisture management

☐ Super-insulate existing walls, floors and ceiling or roof with formaldehyde-free insulation.

☐ Replace doors and windows with energy-efficient models, glazing based on sun exposure.

☐ Controls (thermostats, etc.)

☐ High-efficiency heat pump

☐ Combustion appliance venting

☐ Duct sealing and insulation

☐ Reconfigure plumbing to distribute hot water efficiently.

☐ Insulate hot water pipes.

☐ High-efficiency water heater

☐ Energy-efficient lighting

☐ Appliance controls

☐ Energy efficient appliance(s)

☐ Other (describe and provide estimated savings): _____

12. For equipment installations provide a description of the new equipment and what it will be replacing (e.g. replacing wood burning stove with ductless heat pump).

Narrative response

Existing **multi-family residential** (more than 4 units per building)

1. Number of buildings the project will improve _____
2. For each existing building being improved please provide the following information (if known)
 - a. Number of residential units (e.g. 10 units in building 1, 5 units in building 2, etc.)
 - b. Location (e.g. address, major cross streets, neighborhood)
 - c. Which utilities serve the building
 - i. Electric utility
 - ii. Heating utility
 - d. Fuel being displaced/saved
 - e. Age
 - f. Estimated total building square footage
 - g. Estimated average square footage of individual residential units
 - h. Estimated amount of money that will be invested in improvements (total budget including any leveraged fund)
 - i. Baseline energy consumption
 - j. Estimated energy savings
 - k. Measures that will be implemented as part of the project
 - ☐ Insulate the slab and foundation walls
 - ☐ Air sealing and moisture management
 - ☐ Super-insulate existing walls, floors and ceiling or roof with formaldehyde-free insulation.
 - ☐ Replace doors and windows with energy-efficient models, glazing based on sun exposure.
 - ☐ Controls (thermostats, etc.)
 - ☐ High-efficiency heat pumps
 - ☐ Combustion appliance venting
 - ☐ Duct sealing and insulation

- ☐ Reconfigure plumbing to distribute hot water efficiently.
- ☐ Insulate hot water pipes.
- ☐ High-efficiency water heater
- ☐ Energy-efficient lighting
- ☐ Appliance controls
- ☐ Energy efficient appliance(s)
- ☐ Other (describe and provide estimated savings):

Narrative response

Existing commercial/non-residential

1. Number of buildings the project will improve _____
2. Provide the following information for each building that will be improved by the project (if known)
 - a. Square footage
 - b. Description of commercial use
 - c. Location (e.g. address, major cross streets, neighborhood)
 - d. Which utilities serve the building
 - i. Electric utility
 - ii. Heating utility
 - e. Fuel being displaced/saved
 - f. Baseline energy usage
 - g. Estimated energy savings
 - h. Estimated amount of money that will be invested in improvements (total budget including any leveraged funds)
 - i. Description of efficiency measures included in project if known, if not known provide description of efficiency measures that will be considered.
 - j. For equipment installations provide description of new equipment and description of equipment that it will be replacing.

Narrative response

New construction – single family residential, multi-family residential and commercial

1. Number of single family residential units
2. Number of multi-family buildings
 - a. Number of units per building (e.g. 10 units in building 1, 5 units in building 2, etc.)
3. Number of commercial buildings
4. For each building provide the following details
 - a. Location(s) (e.g. address, major cross streets, neighborhood)
 - b. Which utilities serve the building(s)
 - i. Electric utility
 - ii. Heating utility
 - c. Fuel being displaced/saved
 - d. Square footage
 - e. Description of energy efficiency investments in the project including how those investments go beyond what is required by the Oregon energy code.
 - f. Estimated reduction in energy usage resulting from energy efficiency investments
 - g. How the project consider will consider embedded carbon in choosing building materials.

Narrative response