



Case Study: Green Seed Apartments

PROJECT DETAILS

Project Name

Green Seed Apartments

Location

Portland

Property Size

1 Building
31 Units

Electric Utility

Portland General Electric

Completion Year

2021

Project Type

New Construction

Program Pathway

Whole Building

Owner

Band of Brothers
Construction

Energy Consultant

Glumac

Reserved Incentive

\$102,061

Electric Energy Savings*

64.4% Compared to Code
(2014 OEEESC)
102,061 kWh

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Photo courtesy of Eric Authelet

“The greatest achievement for us has been the ability to create an apartment that is not centered on just housing but developing a community for our residents, augmented by a focus on sustainability.”
- Eric Authelet, Executive Assistant

Project Summary

Future residents of Green Seed Apartments can look forward to the numerous energy efficiency measures at the property including geothermal heat pumps, heat recovery ventilators, and triple pane windows. Green Seed Apartments used Oregon Multifamily Energy Program funding to prioritize energy efficiency and strive for net zero at the property. The design aims to improve comfort for residents and reduce energy costs for years to come. Solar panels on the building will supply electricity to each unit in the complex, leading to additional energy bill savings for residents.

Measures Summary

OR-MEP incentivized the following energy efficiency measures in the Green Seed Apartments:



- Ground Source Heat Pumps
- Heat Recovery Ventilators



- Lighting Controls
- LED Lighting



- Triple Pane Window Glazing



- Heat Pump Domestic Hot Water Heater
- Low-Flow Fixtures



- ENERGY STAR Mini Fridges

*Energy savings are based on program modeling that compares projected electricity use to code baseline. Energy savings from any other fuels, such as gas, are not factored into OR-MEP energy savings and percent improvement calculations. This case study is provided as an example, and energy savings may vary for other projects depending on site specifics and code year.