



Case Study: Canal Commons

PROJECT DETAILS

Project Name

Canal Commons

Location

Bend

Property Size

6 Buildings
48 Units

Electric Utility

Pacific Power

Estimated Completion

2020

Project Type

New Construction

Program Pathway

Whole Building

Developer

Pacific Crest Affordable Housing

Energy Consultant

Oregon Green Raters, LLC

Reserved Incentive

\$208,611

Electric Energy Savings

42% Compared to Code
208,611 kWh

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www.oregonmultifamilyenergy.com



“The energy efficiency measures have real, positive impacts over the short- and long-term. The OR-MEP program funds are meaningful from the standpoint of helping make these projects financially viable.”
-Ben Bergantz, Resident Services Coordinator

Project Summary

The Oregon Multifamily Energy Program reduced the incremental costs of implementing energy efficiency measures in Canal Commons, a workforce housing community. Pacific Crest Affordable Housing designed Canal Commons through an iterative exploration, applying lessons learned about energy efficiency from their other recent developments. With a foundation of energy efficient design, nearly all the energy used at Canal Commons will be generated by on-site solar. This approach aims to reduce the energy burden on residents, provide the best economic return, and protect the building and its residents from rising utility costs.

Measures Summary

The Oregon Multifamily Energy Program incentivized the following energy efficiency measures proposed at Canal Commons:



- Variable Refrigerant Flow (VRF) Heat Pumps
- Energy Recovery Ventilation



- LED Interior Lighting



- Wall Insulation
- Efficient Windows
- ENERGY STAR Doors
- Attic Insulation



- ENERGY STAR Refrigerators
- ENERGY STAR Dishwashers