



GREELEY APARTMENT COMPLEX RECEIVES ENERGY-SAVINGS AWARD

Island Grove Village Apartments in Greeley has been recognized by the U.S. Department of Energy (DOE) and the U.S. Department of Housing and Urban Development (HUD) for achieving its energy-savings goal as a partner in the nationwide Better Buildings Challenge. Island Grove Village, a multifamily affordable housing complex, achieved energy savings of 20 percent compared to their 2011 baseline at its 78,000 square foot property as a result of greater efficiency efforts.

EFFICIENCY IMPROVEMENTS

- ✓ LED lighting
- ✓ Thermostat upgrades
- ✓ High efficiency furnaces
- ✓ High efficiency AC units
- ✓ High efficiency boilers
- ✓ Faucet aerators
- ✓ Ultra-low-flow showerheads
- ✓ Low-flow toilets

“Through their commitment to affordable, efficient energy, our goal achievers are displaying leadership and demonstrating the potential for public-private partnerships to drive energy cost savings in buildings and our communities.”

*Daniel R. Simmons, Assistant Secretary
Office of Energy Efficiency and Renewable Energy at DOE*

Reaching its goal in only six years, Island Grove Village is one of only nine multifamily Better Buildings Challenge partners nationwide to have achieved the national award. To date, 92 multifamily housing providers have made energy- or energy/water-efficiency commitments through the Better Buildings Challenge.



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RESULTS



20%
Energy Use
Reduction



18%
Water Use
Reduction



\$33,000
Annual Utility
Cost Savings

“We have always had a strong desire to be good stewards of our planet. And by making these kinds of changes over the years, we have been able to better serve our more than 350 residents, as well.”

*Richard Maxfield, Maxfield Services Corporation,
Managing Agent for the HUD Section 8 property*

The Better Buildings Challenge is a DOE initiative to reduce energy consumption in commercial, public, industrial, and residential buildings by 20 percent over the next decade. More than 950 public and private organizations are participating in the program throughout the country.

Island Grove Village realized its savings by implementing whole-property LED and ultra-bright LED lighting retrofits and installing Temperature Limiting Thermostats in each of its 108 units. Additionally, 97- and 95-percent energy efficient ENERGY STAR® furnaces, 16 SEER air conditioners, and 91-percent energy efficient boilers were installed or upgraded.

Island Grove Village also installed a state-of-the-art irrigation system that determines when and how much to water the surrounding landscape based on weather information from the cloud, replaced all kitchen and bathroom aerators and showerheads with ultra-low-flow units, and installed low-flow flapperless toilets in all bathrooms.

“This really has been a true, sitewide effort. From the first-rate efforts of the management and staff to the residents, themselves, we accomplished in six years what once we couldn’t imagine being completed in ten years.”

*Brian Larson, Chairman of the Trinity Housing Corporation of Greeley
Nonprofit corporation owner and operator for Island Grove Village*

This year, Island Grove Village also subscribed to a Community Solar Garden located near Greeley’s airport, a cooperative effort of Xcel Energy’s Solar Rewards Community Program and Oak Leaf Energy Partners, receiving a 2.59 percent allocation of the 10 kilowatt installation, an estimated annual energy cost-savings of more than \$10,000.

	<i>Energy Use Intensity (Source)</i>	<i>Annual Energy Cost (\$)</i>	<i>Water Use Intensity (Source)</i>	<i>Annual Water Cost (\$)</i>
<i>2011 Baseline</i>	142 kBtu/sq.ft.	\$114,000	111 gal/sq. ft.	\$48,000
<i>2019 Actual</i>	114 kBtu/sq.ft.	\$90,000	91 gal/sq. ft	\$39,000
	20% reduction	\$24,000 savings	18% reduction	\$9,000 savings

Source: <https://betterbuildingssolutioncenter.energy.gov/showcase-projects/island-grove-village>



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