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Energy Efficiency Jobs Are Green Jobs: Employment Potential of Weatherizing Affordable Housing

Energy Efficiency Jobs Are Green Jobs: Employment Potential of Weatherizing Affordable Multifamily Housing



EEFA was designed to address this very specific problem...

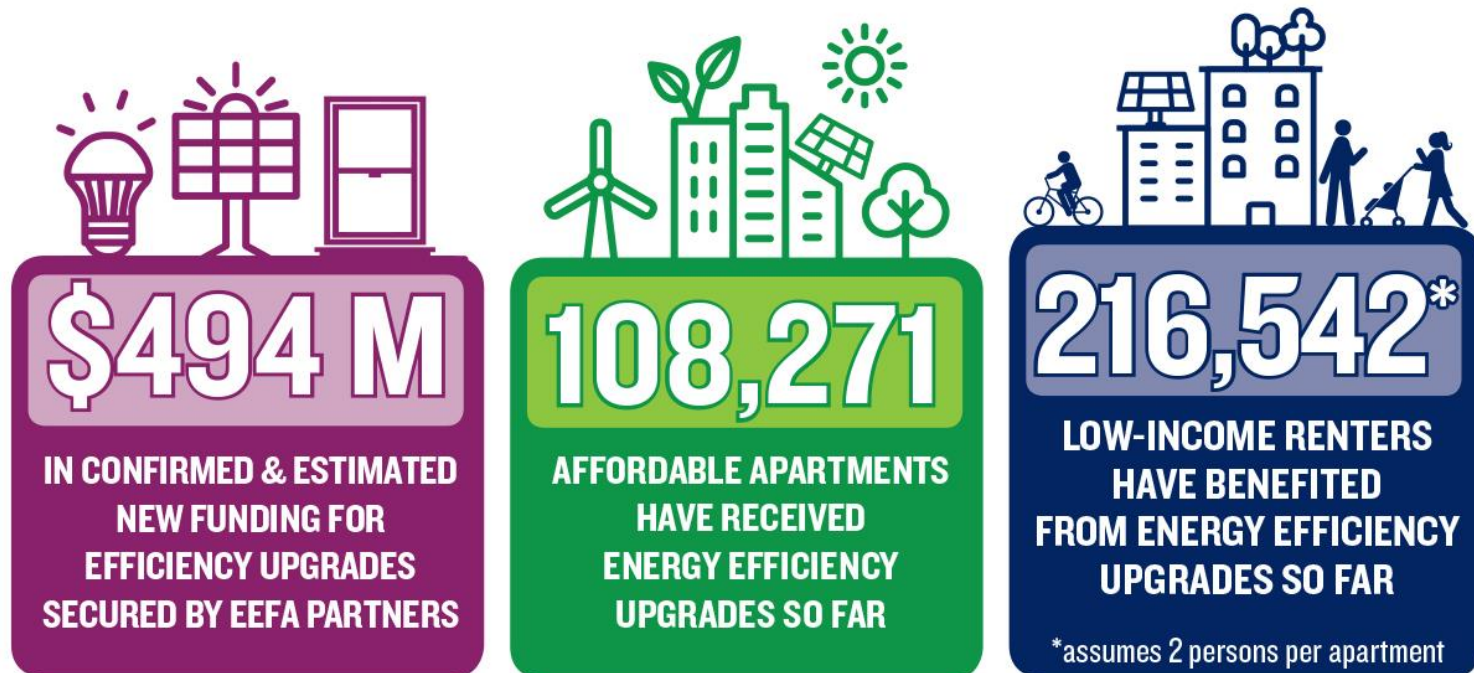
Our Project Objective: Create powerful coalitions of affordable housing, health, energy, environmental, and community leaders to drive changes in policy and practice so that all renters live in homes that are affordable and healthy, by increasing energy efficiency in affordable multifamily housing



EEFA



EEFA: What We Do



2.32 MILLION AMERICANS WORK IN ENERGY EFFICIENCY

- In 2018, the Energy Efficiency sector continued to produce the most new jobs of any energy sector—over 76,000—with 2,324,866 jobs in total.
- Energy Efficiency employers report a projected growth rate for employment in 2019 of almost 8 percent.
- These jobs are local. 99.7% of U.S. counties have energy efficiency jobs
- Including more than 300,000 Americans living in rural areas
- In total; 35% of U.S. energy workers (fossil and clean energy) are involved in energy efficiency

Residential Efficiency Creates Jobs and Supports Climate Mitigation

- Residential energy efficiency can account for as much as 550 million metric tons of (CO₂) equivalent emissions reductions annually by 2050
- Equal to the combined electric power emissions of California, Texas, New York, Florida, Illinois, and Virginia in 2016
- As the link between climate change and employment becomes much clearer, workforce policy will have to follow suit,
- Policy must prioritize initiatives that offer pathways to high-quality green jobs capable of sustaining families and communities.

Multifamily Energy Efficiency Labor Potential

Overview - Data Analysis by BW Research

- Approximately 20% of the US total housing stock is multifamily +5 units
- Affordable multifamily Housing represents approximately 45% of the total multifamily housing units.
- Our study covers affordable multifamily buildings across 12 states and 15 metro areas
- Surveyed companies to develop average labor hours per energy efficiency upgrade/ activity
- Applied average to units, building counts, and square footage
- Quantified the jobs potential of energy efficiency metrics for market rate and subsidized affordable housing units

Job Quality Matters Most

Our study grouped residential energy efficiency jobs into three primary categories:

- ☐ architecture and engineering
- ☐ construction and extraction
- ☐ installation, maintenance, and repair

Median Hourly Earnings by Occupation

Occupation	Median Hourly Earnings (Source: EMSI 2017)
Architecture and Engineering	\$37.51
Construction and Extraction	\$20.98
Installation, Maintenance and Repair	\$20.86
Energy Efficiency Average	\$23.95
All Occupations	\$20.36
Sales	\$12.99
Food Preparation and Service	\$10.00

Energy Efficiency Economic Inclusion Index

Are Energy Efficiency Jobs Available for All?

- **Deliberate action is needed to address disparities**
- **Efficiency jobs are everywhere, however** the highest-paying jobs are currently concentrated in high-income, predominantly white, educated communities .
- Workers of color, women, and those with the least formal education are often crowded into the lower-wage energy efficiency jobs such as installation and repair work.
- **Energy Efficiency Index:** Concentration of energy efficiency-related jobs for each occupational category by community

Thank You!

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