

# Efficiency of Florida's Affordable Multifamily Housing: Diving Deeper into Consumption, Property and Tenant Characteristics Data

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# UF Shimberg Center and PREC: MacArthur Foundation Research Grant

- *“Multifamily Energy Consumption, Tenant Stability and Retrofit Effectiveness”*
- Focus on understanding the efficiency of Florida’s assisted rental housing
- Property + unit + tenant + historical energy consumption data
- GRU, OUC, JEA, and TalGov utility service areas



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### How Housing Matters

How Housing Matters to Families and Communities explores the notion that affordable housing may be an essential "platform" that promotes positive outcomes in education, employment, and physical and mental health, among other areas.

[Read our strategy >](#)



Website Explores Housing's Connections to Economy, Education, and Health >



How Housing Matters Keynote Conversation with Julia Stasch and Secretary Julian Castro >



Housing Challenges Real For Many Americans, Survey Finds >

# Energy Consumption In FHFC's Multifamily Housing Portfolio

- Analysis sample of 105 Florida Housing Finance Corporation (FHFC) properties with 14,580 units
  - 48 properties (6,285 units) in Jacksonville (JEA)
  - 47 properties (7,191 units) in Orlando (OUC)
  - 10 properties (1,104 units) in Gainesville (GRU)
- Three years of electricity consumption data: 2010-2012
- Aggregate and stratified by unit- and household-level characteristics
- Estimated monthly bills using rate structures



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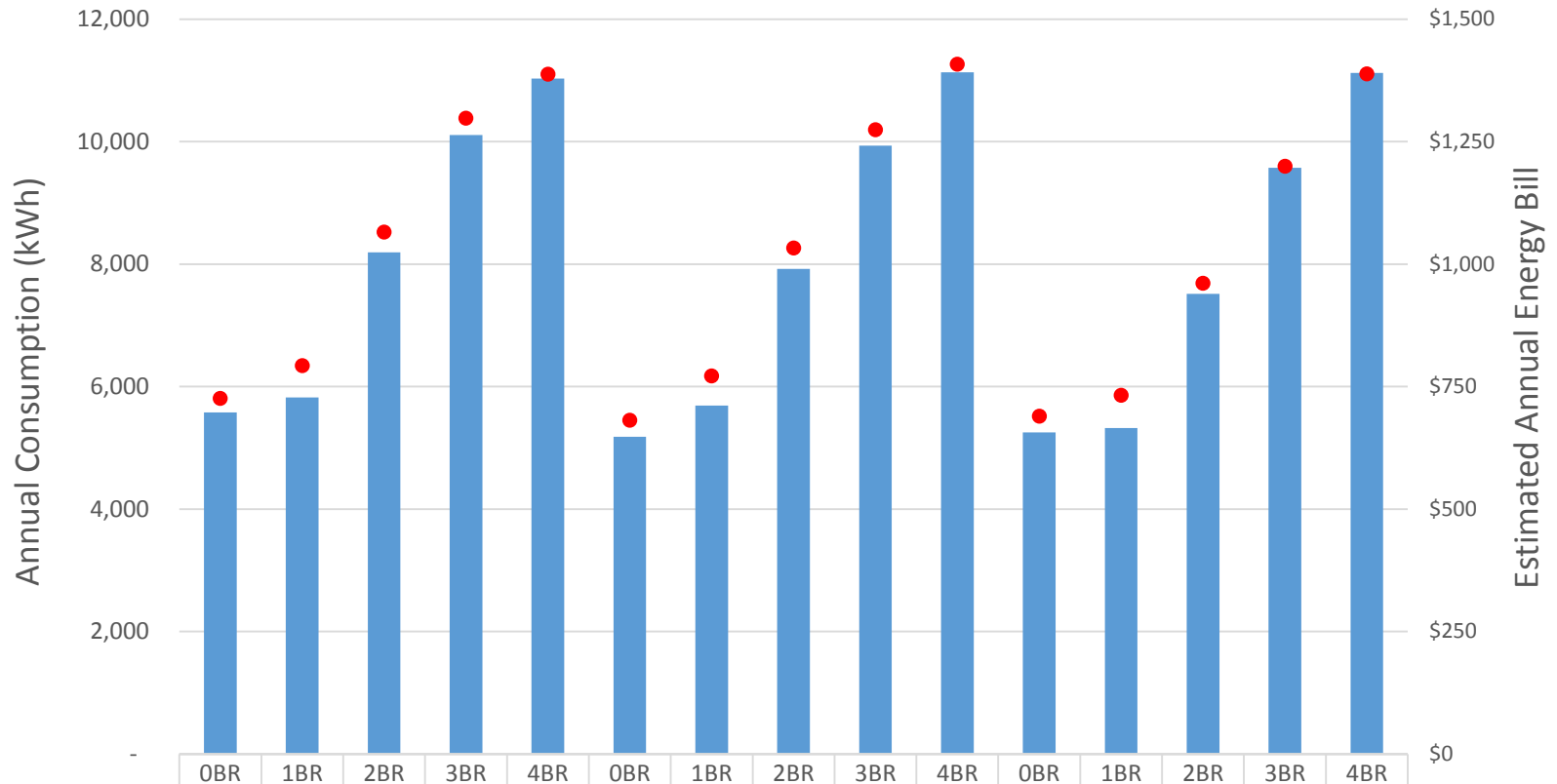
[Homeownership Pool \(HOP\) Program](#)

[Multifamily Energy Retrofit \(MERP\) Program](#)

Welcome to Florida Housing Finance Corporation's **Green Building homepage**. We have established this webpage to provide information and resources on green building to the affordable housing development community.

# Energy Consumption In FHFC's Multifamily Housing Portfolio

- **Median Annual Electric Consumption and Estimated Bills by Number of Bedrooms, All Territories, 2010-2012**



■ Median Consumption (kWh)	5,579	5,821	8,194	10,107	11,029	5,178	5,688	7,920	9,934	11,132	5,250	5,322	7,515	9,574	11,123
● Median Est. Energy Bill	\$726	\$793	\$1,065	\$1,298	\$1,387	\$682	\$772	\$1,033	\$1,274	\$1,408	\$690	\$732	\$961	\$1,199	\$1,388

# Energy Consumption In FHFC's Multifamily Housing Portfolio

- **Median Monthly Estimated Bill by User Tier (Quartile), 2-Bedroom Units for All Territories, 2011**

