Exploring the Market for Multifamily Energy-Efficiency Retrofits in Florida

May 12, 2014

M. Jennison Searcy*, Pierce H. Jones, Nicholas W. Taylor
UF Program for Resource Efficient Communities
*mjkipp@ufl.edu | 352-273-0245
Orlando Utilities Commission: Multifamily Custom Incentive Program

• ARRA Clean Energy Grant through FDACS Office of Energy + OUC and property owner contributions to finance efficiency retrofits
• Efficiency upgrades to 272 units in 5 low-income apartment complexes
• OUC: program design, implementation and quality control
• UF PREC: program design, oversight and measurement and verification
Orlando Utilities Commission: Multifamily Custom Incentive Program

- Preliminary results: 23% savings (188 kWh/month)
UF Shimberg Center and PREC: MacArthur Foundation Research Grant

- Multifamily Energy Consumption, Tenant Stability and Retrofit Effectiveness
- Focus on efficiency of Florida’s assisted housing
- Housing unit and tenant-level analyses
- GRU, OUC and JEA utility service areas
Florida Housing Finance Corporation: Multifamily Energy Retrofit Program

- MERP Goal: improve efficiency in older rental apartment properties in FHFC portfolio
- Mechanism: revolving loan fund to finance upgrades
- Energy audit to identify retrofit measures and project energy savings
- UF PREC to track utility data and assess performance