



# Multifamily Program & Low Income Weatherization Proof of Concept

Resource Management Commission  
April 17, 2018





# AGENDA

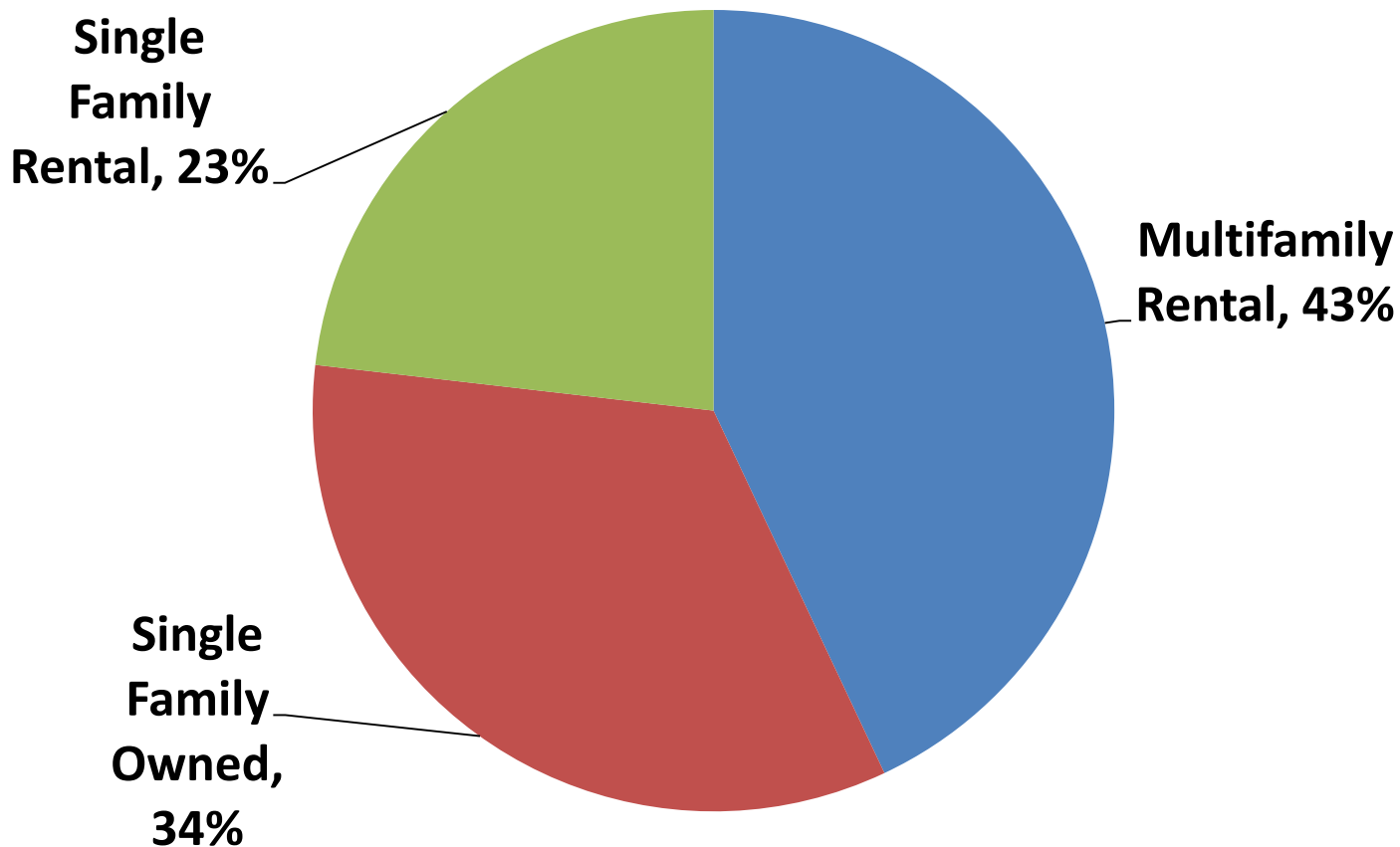
- Austin Energy Multifamily Programs
- Multifamily Rebate Program Overview
- Acknowledgements
- Challenges/Barriers
- Multifamily History and Trends





# AE Residential Customers

**Residential:**  
**~400,000 Customers**  
**+4 million MWh**

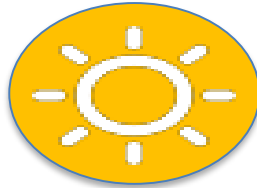




# Austin Energy Multifamily Programs



- Established the nation's first multifamily green building rating program



- Multifamily shared solar pilot



- Energy Conservation Audit and Disclosure



- Energy efficiency rebates



# Other Multifamily Efforts

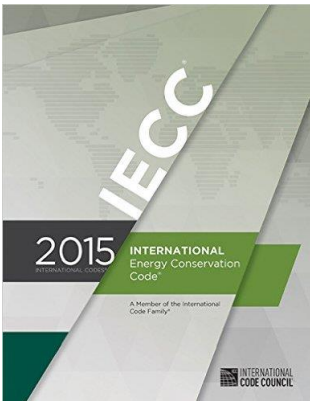


HOUSING AUTHORITY  
OF THE CITY OF AUSTIN  
*Bringing Opportunity Home*

- Direct install of LED lighting and low cost wireless thermostat pilot

## S.M.A.R.T. Housing™

- Must meet Austin Energy Green Building Program (AEGB) 1 Star Rating



- Promote most current energy conservation codes

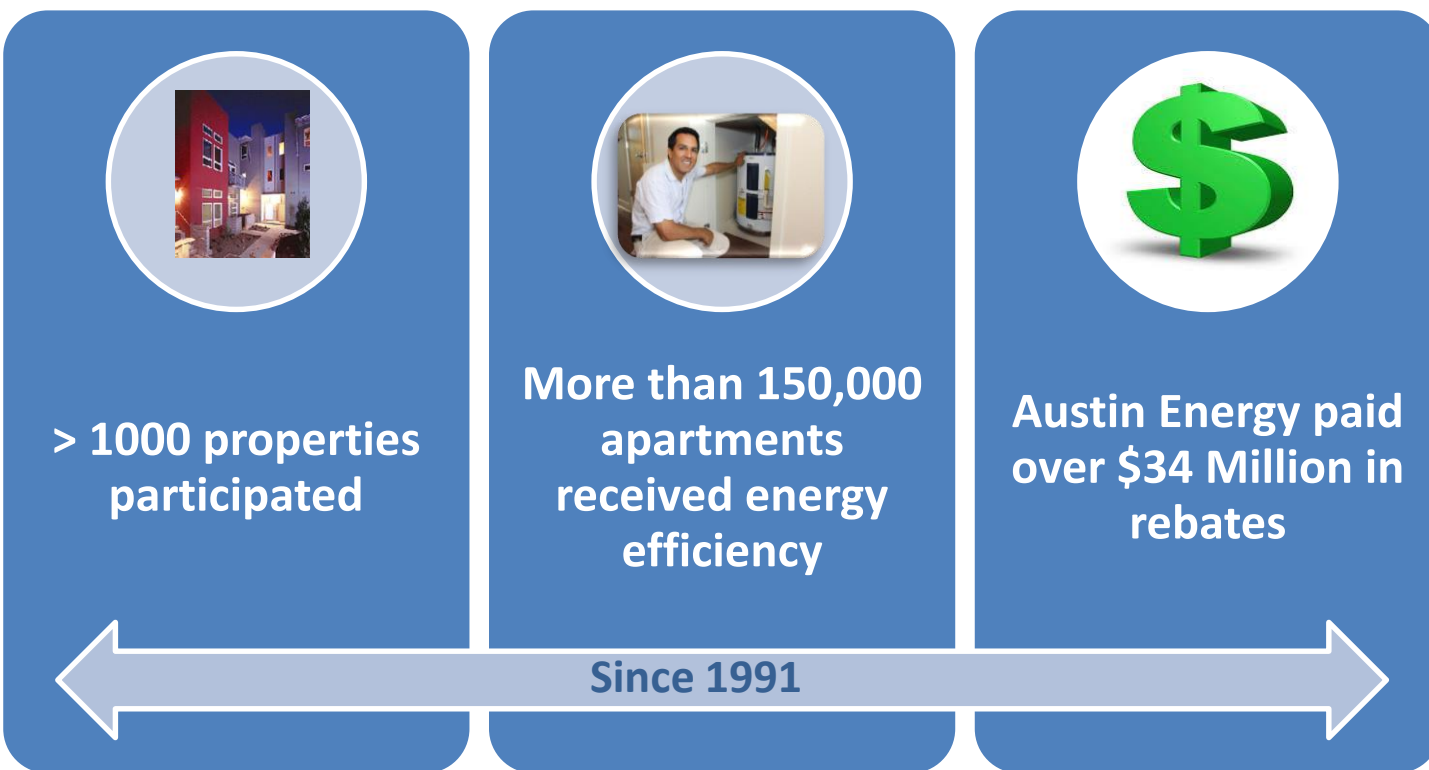


# Cost Effective Measures

Multifamily Cost Effectiveness	
Life (Years)	15
Total Resource Cost Test	1.3
Societal Cost Test	1.4
Participant Cost Test	1.2
Dollars per kWh	\$0.024
Dollars per kW	\$449



# Multifamily Rebate Program Results



**1,800+ Multifamily Properties in Service Area**



# Acknowledgement



## **2017 Top Forty Innovators AE Multifamily Rebate Proof of Concept**

*Targets hard-to-reach apartment renters in affordable housing developments*

*The program is uniquely market-driven with incentives for contractors and property managers.*



# Multifamily Challenges



**Marketing and outreach** to decision makers



**Split incentives** between tenant and owner investment in energy efficiency



**Lack of capital or accessible financing options**



**Limited energy efficiency programs** and services targeting the multifamily sector



**Insufficient or inadequate data** on energy consumption



**Diversity** in multifamily building stock across different **markets**



**Lack of coordination** among efficiency programs and contractors



Differing versions of **building energy codes**



**Limited policies** to advance energy efficiency in the multifamily sector

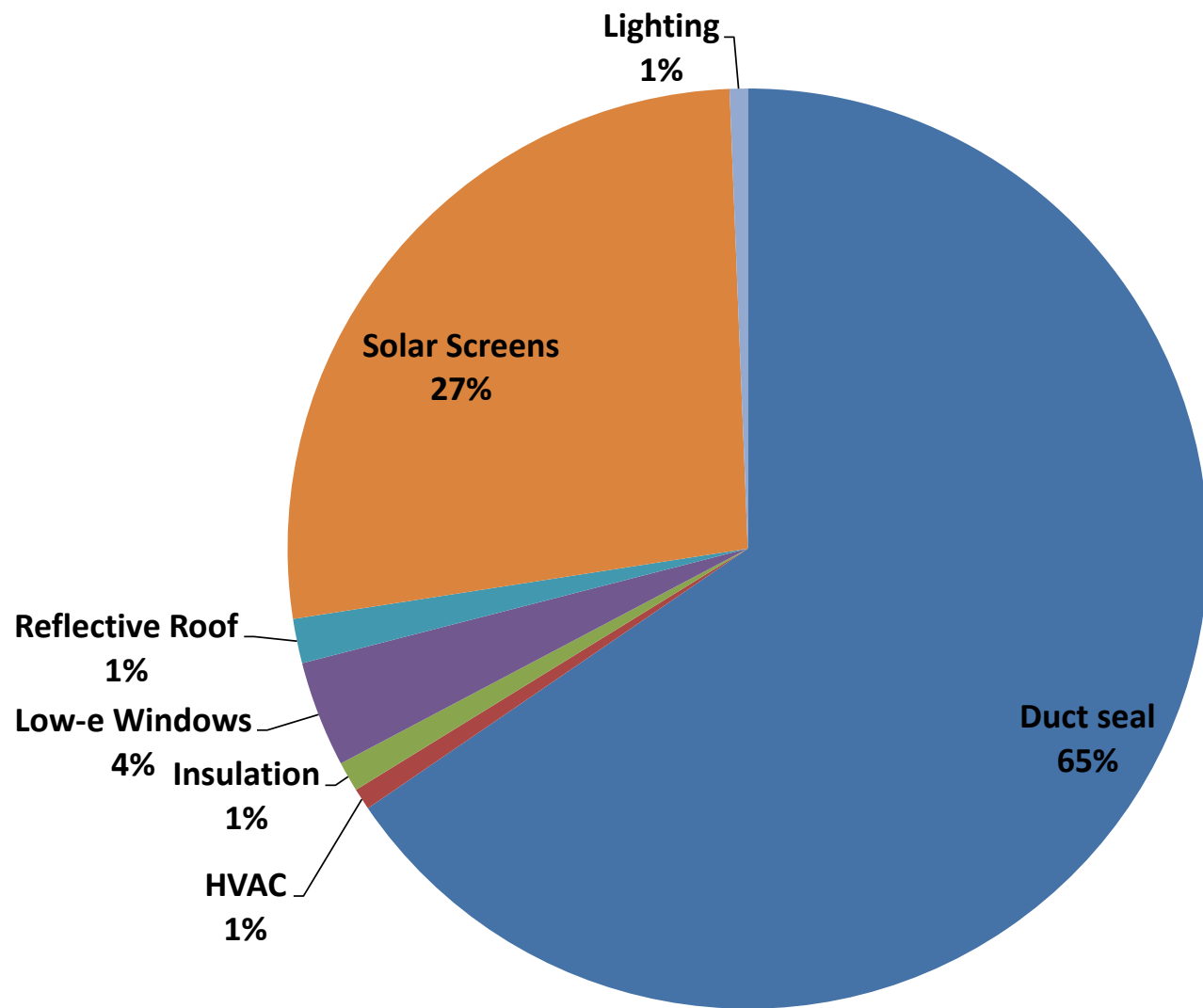


# Multifamily Rebate Program Offering Comparison

	Standard Rebate Program	Low Income Proof of Concept
Eligibility	> 4 units or contiguous 2 to 4 units	Defined as low income in the Austin Tenant's Council Guide to Affordable Housing
Rebate Payment	Up to 80% of installed costs	Up to 100% of installed costs
Requirements	<ul style="list-style-type: none"><li>✓ Must be Energy Conservation Audit &amp; Disclosure Compliant</li><li>✓ NOT on the Repeat Offenders List for Code Violations</li></ul>	<ul style="list-style-type: none"><li>✓ Must be Energy Conservation Audit &amp; Disclosure Compliant</li><li>✓ NOT on the Repeat Offenders List for Code Violations</li></ul>
Quality Assurance/ Quality Control	Pre-verification audit Progress inspections Final inspections Third party random 10% sample	Pre-verification audit Progress inspections Final inspections Third party random 10% sample



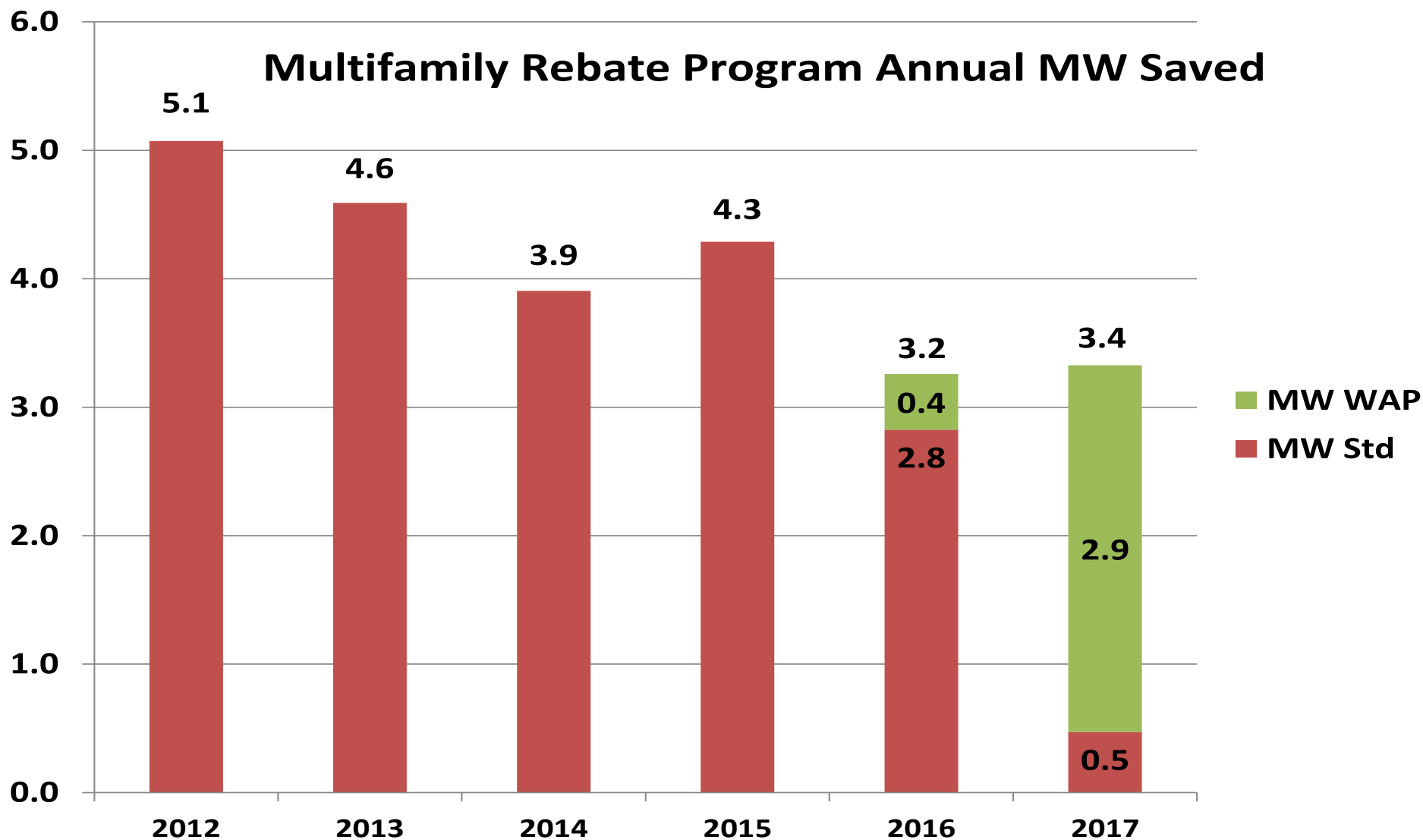
# % of Rebates Paid by Measure 2012-17





# Multifamily Program kW Trends

**Multifamily Rebate Program Annual MW Saved**





Multifamily Questions  
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