



Pathway to Energy Improvements

Updates on the Energy Conservation Audit and Disclosure (ECAD) Ordinance

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V.P. Customer Energy Solutions | Austin Energy
August 14, 2014





Austin's Energy Disclosure Law

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- Lead the nation to reverse the negative impacts of global warming
- Increase participation in energy efficiency improvements
- One of only 5 cities to implement benchmarking and disclosure
- Today 5 additional cities are in implementation of similar laws
- Seeking conversions from energy audit to rebate participation





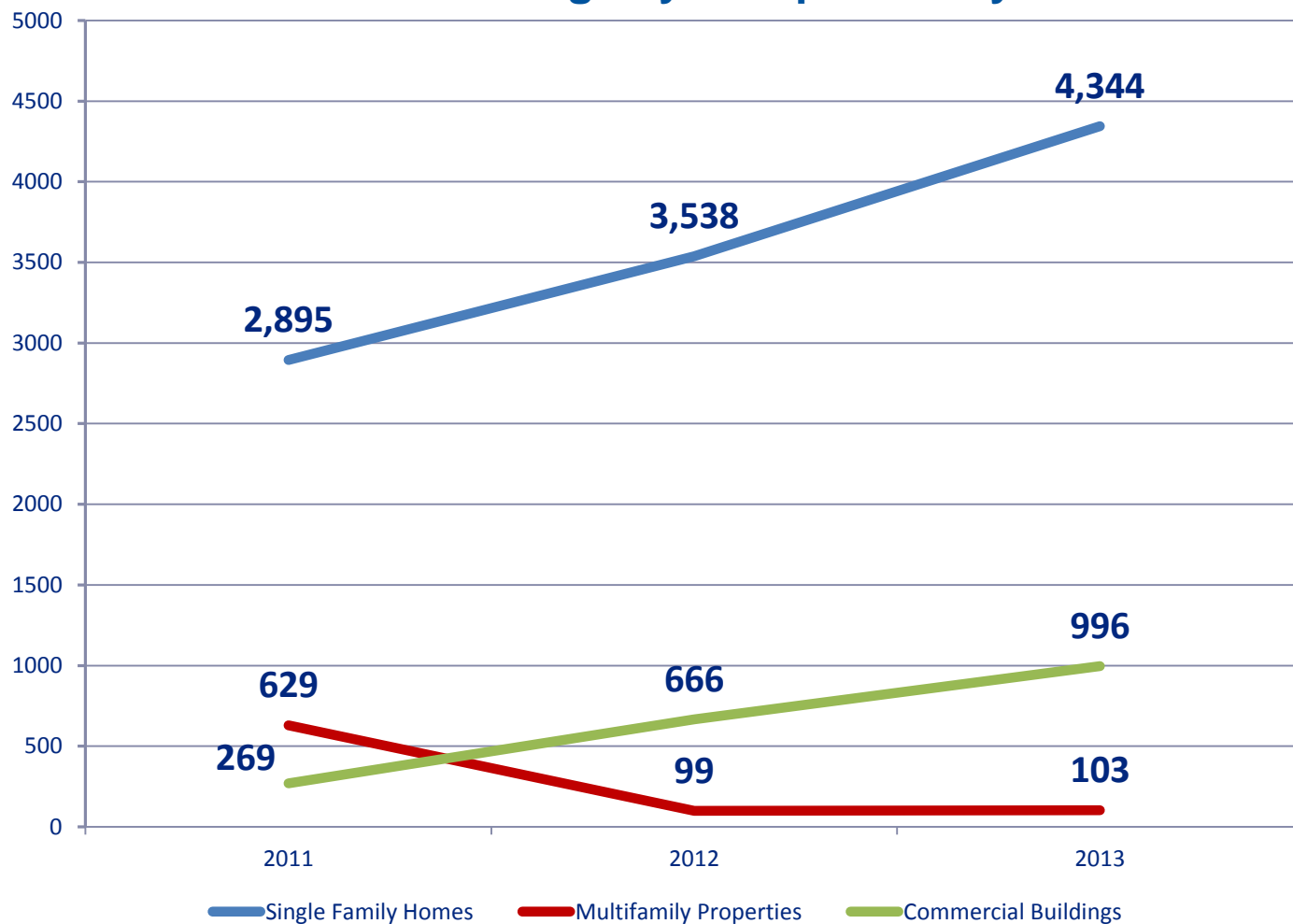
Growing Trend Nationwide

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- Similar Energy Benchmarking and Disclosure Law Initiatives.



Total Buildings by Compliance by Year

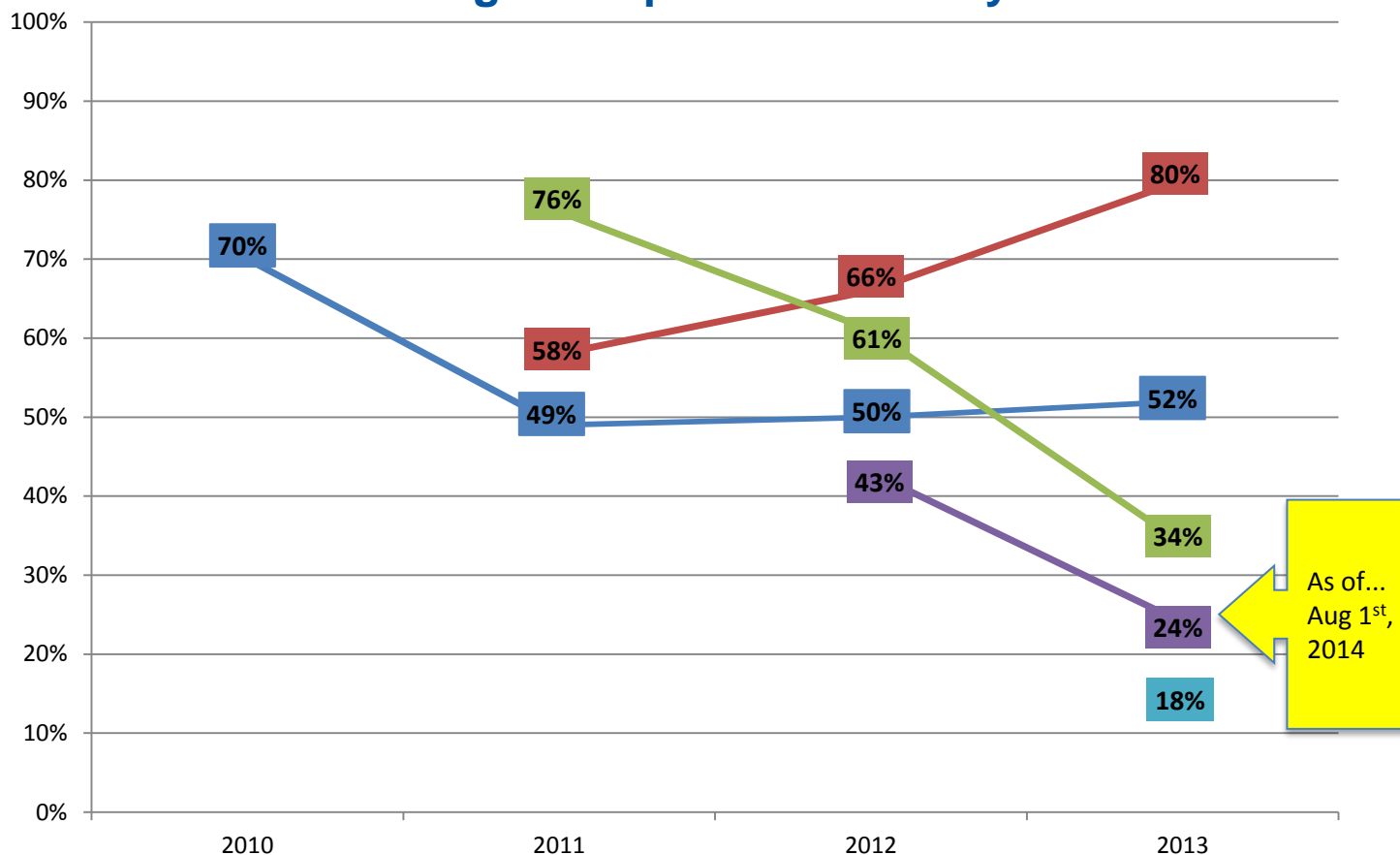




All Market Classes

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Percentage Compliance Rates by Year



As of...
Aug 1st,
2014

— Residential — Multifamily — Commercial - Tier 1 — Commercial - Tier 2 — Commercial - Tier 3





2014 Commercial Results

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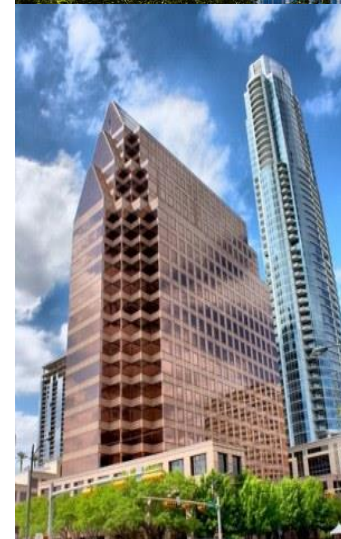
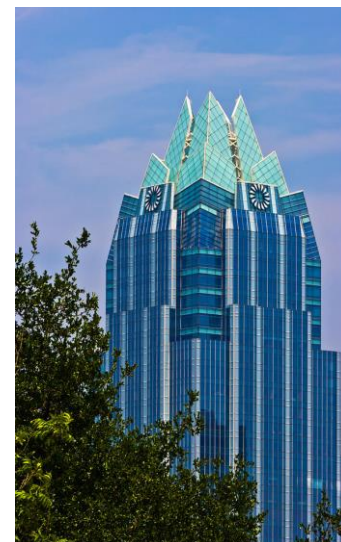
Market transformation

- Current Statistic's for 2013 Compliance

	Tier 1 over 75K sqft	Tier 2 between 30K and 75K sqft	Tier 3 between 10K and 30K sqft
Total Buildings	774	1,045	1,980
Buildings Reported	263	261	389

* As of August 1, 2014

- Commercial Letter Outreach Campaigns:
 - November 2013: Sent out Reminder & Notifications to ALL Tier 1, 2 and 3 property owners
 - July 2014: Sent out 438 “Thank You” letters for compliance, 1,658 Non-compliance letters and 295 Partial compliance letters to remind about annual reporting.





2014 Commercial Results

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Market transformation

- AE Sponsored Commercial Workshops:
 - AE provided 10 public events
- Local Service Providers:
 - Increased energy professionals from 9 to 17
- Updated ENERGY STAR® online video
- City Buildings is over 84%
 - Working with City Facility Management to benchmark ALL City Buildings.



Market transformation

- Austin the first nationally focusing on all sectors
 - Energy reductions linked to building performance
 - AE shifting customers' way they use and think about electricity
 - Community awareness
 - Education
 - Tools and usage apps
 - Participation in AE programs





ECAD Multifamily Successes

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Austin City Code Chapter 6-7, Energy Conservation

2013

NOTICE OF HIGH ENERGY USE PROPERTY

1234 APARTMENT AVENUE, AUSTIN, TX 78700

ESTIMATED MONTHLY ELECTRIC COST



THIS PROPERTY

This graph above represents the range of electric costs for Austin properties of a similar type to this one.

This property is:

- all electric
- built in 1986
- 800 sq. ft. average apartment size

Cost information:

- is based on this facility's average size apartment,
- based on a cost of \$0.10 per kWh, and
- is updated annually.

This property uses 15% more energy per square foot than an average multi-family property in the Austin area. This may result in a higher electric bill than would be incurred in a similar unit in an average energy use property.

For details about energy use per square foot for Austin multi-family properties, visit austinenenergy.com/go/ECAD, call 482-5278, or see QR code:



I acknowledge that I have been given an opportunity to review the results of this multi-family property's energy audit conducted in accordance with Austin City Code, Chapter 6-7.

Signature/Date

Owner's Representative

Signature/Date

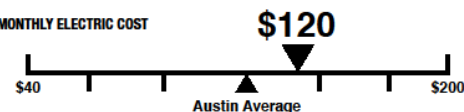


Austin City Code Chapter 6-7, Energy Conservation

2013

ENERGY GUIDE FOR PROSPECTIVE TENANTS

ESTIMATED MONTHLY ELECTRIC COST



THIS PROPERTY

This graph above represents the range of electric costs for Austin properties of a similar type to this one.

This property is:

- all electric
- built before 1985
- 800 sq. ft. average apartment size

Cost information:

- is based on this facility's average size apartment,
- based on a cost of \$0.10 per kWh, and
- is updated annually.

1,200 kWh

ESTIMATED MONTHLY ELECTRIC USE

For details, visit the web site austinenenergy.com/go/ECAD, call 482-5278 or see QR Code:



YOUR BILL

Your actual bill will depend on many factors:

- Weather (bills are higher in extreme heat and cold – especially if electric heat is used),
- Thermostat settings,
- Number of occupants,
- Lifestyle habits,
- Size and location of unit (upper floors and south and west facing units are generally warmer),
- Energy efficiency measures in place, and
- Age and type of heating/cooling equipment.

ENERGY AUDIT RESULTS FOR THIS PROPERTY:

4321 APARTMENT AVENUE, AUSTIN, TX 78700

STREET ADDRESS

ENERGY EFFICIENCY MEASURES EVALUATED	AUSTIN ENERGY RECOMMENDS	AUDIT RESULTS (AVERAGED)
Air Duct System	Less Than 15%	44% Leakage
Attic or Roof	Between R22-R30	R-14
Solar Screens or Window Film	On all East, South and West Windows	Complete

Average values are calculated from results obtained from multiple buildings and systems.

CONSTRUCTION YEAR: 1978, 1982 ENERGY UTILITIES: All Electric ENERGY AUDIT CONDUCTED BY: A Qualified Auditor
NUMBER OF UNITS: 57 DATE OF ENERGY AUDIT: September, 2011 DATE OF DISCLOSURE NOTICE: June 30, 2011

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Signature/Date

Owner's Representative

Signature/Date

** Approach to be expanded into commercial market in 2015*



Enhancements

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- Create stronger linkages with AE programs
 - Expanding successful approach of Multifamily into Commercial Offerings
 - Demonstrate leadership with City Buildings Compliance
- Simplify the data submittal process and tools
- Increase community outreach
 - Education on the value of ECAD
 - Improve relationships with groups such as Affordable Multifamily Housing and Real Estate community
 - High energy users
- Benchmark and share best practices nationally
 - Collaborate with DOE Grant Benchmarking group and Institute for Market Transformation (IMT) to advance Austin's progress





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Thank You!