

Energy Conservation Audit and Disclosure Ordinance Process Improvement Project

Update on DirectApps/Direct Technology contract for
energy efficiency data management and reporting

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How does ECAD apply to all properties in the City of Austin who are served by Austin Energy?



Single Family

Seller must provide buyer a copy of the audit during time-of-sale option period

Applies to:

- Units 1-4
- Age over 10 years old
- Audit required and good for 10 years
- Compliance estimated at 60 percent



Multifamily

Property must display and provide Energy Guide to all potential renters

Applies to:

- Units 5 or more
- Age over 10 years old
- Audit required and good for 10 years
- Compliance required for rebate participation
- Compliance at 88 percent



Commercial

EUI annual calculation and comparison or PM score

Applies to:

- Buildings over 10,000 square feet
- Any age
- Compliance required for rebate participation
- Compliance at 88 percent

Considerations and Lessons Learned – All Sectors

Data

- What are the sources of data?
- What format is the data in?
- Is the data easily accessible?
- How will we match the sources?

Tracking

- How is real-time compliance going to be tracked?
- What kind of database are you using to track?

Enforcement vs Incentive

- Who is going to enforce?
- Use data to support rebate or incentives programs.

Early and Continuous Outreach

- Constant contact with local stakeholders for support and buy in.
- Highlight the benefits to all parties.

SF Deed Changes vs Sales

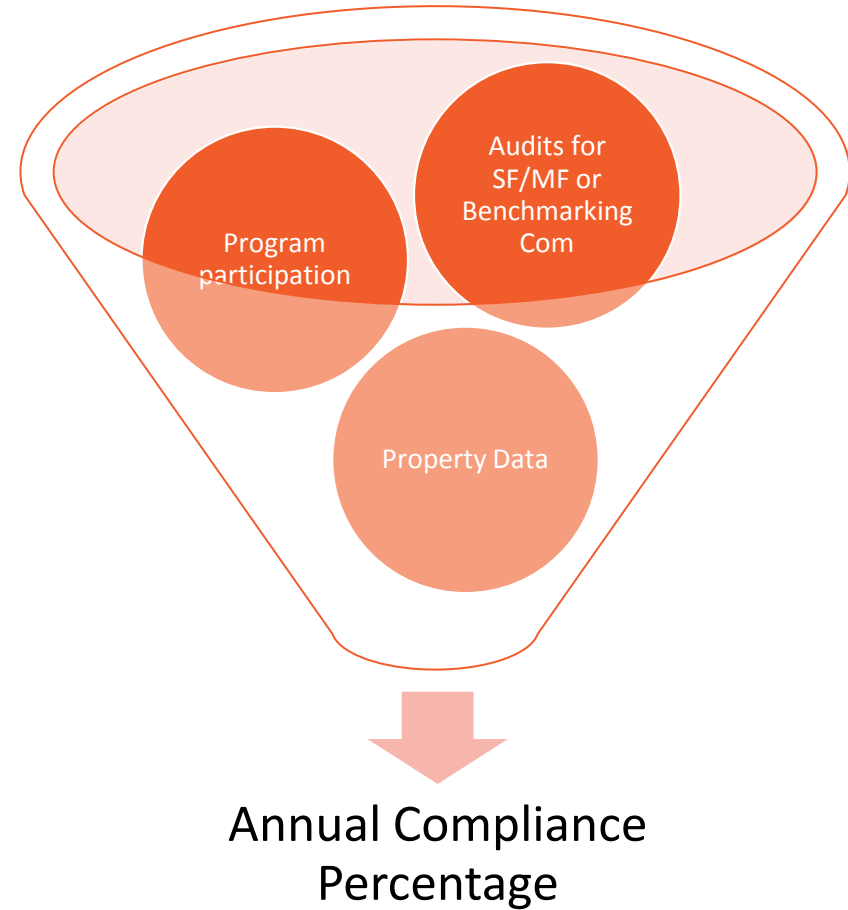
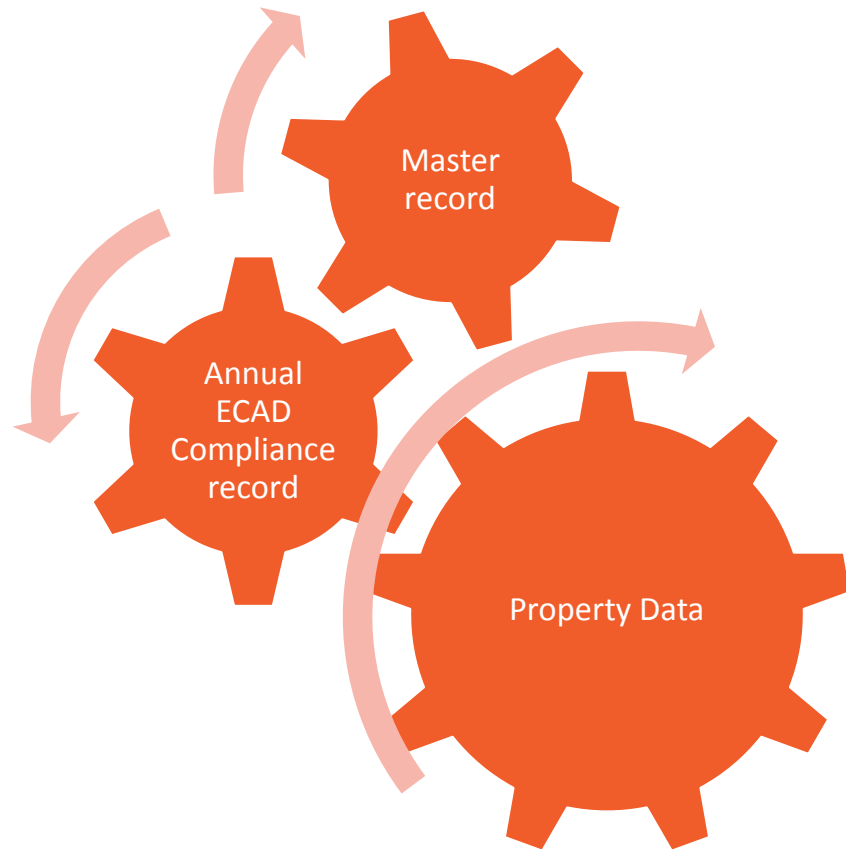
- Have a tracking mechanism.
- Deed changes can be for multiple reasons.

Understandable

- Is the audit understandable by non-building science community?
- Does the consumer know what to do next?



EECP tracking compliance



2019 ECAD Technology Improvement Project

Moving ECAD into EECF

ECAD Database

- Master record creation and maintenance – **completed**

Single-Family Audit

- 35,000 Historical audits – **being scrubbed for accuracy**
- ECAD Compliance record – **programming underway**

Multifamily Audit

- 850 Historical audits – **migrated to EECF scrubbing begins 11/15/19**
- Annual Compliance record – **first round of testing began 11/4/19**

Commercial

- Annual ECAD Compliance record – **programming underway**



Expected Project Timeline & Outcome

Timeline

- Single Family
Late Summer 2020
- Multi-family
Spring/Summer 2020
- Commercial
Spring/Summer 2020

Outcome

- Tracking, compliance and real-time access to data
- Automated persistent updates of source data
- Searchable public facing audit access
- Eliminates lost audits
- Improved ability to communicate
- Greater ability to ask annually about building use
- Improved ability to use audit data for rebate programs
- Better identification and calculation of EUI data points



Current ECAD Compliance Percentages

Single family

2017 – 3,760 audits 53% est.
2018 – 3,606 audits 54% est.
2019 – 4,856 as of 11/7/19

Multifamily

2017- 77% prop, 88% ft² & 88% units
2018- 78% prop, 87% ft² & 87% units
2019- 78% prop, 88% ft² & 87% units

Commercial

2017- 80% prop, 83% ft²
2018- 81% prop, 86% ft²
2019- 82% prop, 87% ft²





**Customer Driven.
Community Focused.SM**

