

Status a2energy

May 14, 2012

An outreach and education effort that aims
to promote energy efficiency and
the use of renewable resources
to residents and businesses
across the
City of Ann Arbor



saving energy. block by block.

[homeowner](#) | [commercial owner](#) | [landlord](#) | [renter](#) | [news](#) | [about us](#) | [be informed](#)

Air seal the deal.



enerfact 

10%

Add weather stripping around windows and doors as part of sealing your home's envelope to save up to 10% on your annual energy bill.

homeowners »



From easy to involved, find ways to save energy and money too.

commercial owners »



Join up with PACE, green up your space and be in a better place.

landlords »



They save energy, you save money! Help renters help you.

renters »



From your front door to the car door, learn how to live and save green.

news: all the latest a2energy news that's fit to post.

09.20.11

City Council Passes Resolution of Intent for PACE Program

Ann Arbor City Council unanimously supported the intent to establish a Property Assessed Clean Energy Program.

e-peeps: local people making a2energy happen.



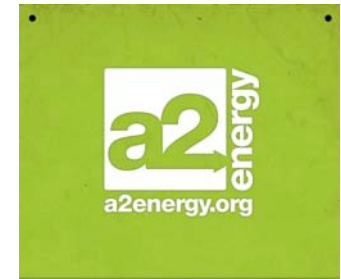
Dave Chmura

Dave Chmura saves about \$114 a year by switching indoor incandescent light bulbs to LEDs.

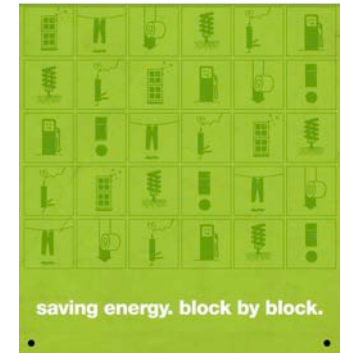
- Nearly 1,000 visitors since the site launched in early Feb
- Average site visit lasts nearly 4 minutes
- Relatively low “bounce rate”
 - Visitors going beyond the home page
- See spikes in visits after promotional events
 - press release, media coverage, Earth Day participation
- 6 e-peeps featured on site, more in process

Program outreach

- Promoting website and program “brand”
- Practical, not wasteful, materials
- Public presence
 - Earth Day booth
 - Mayor’s Green Fair booth
 - Mission Zero Fest



Efficient energy.
Renewable energy.
Ann Arbor energy.
This is a2energy.



a2energy Contractor Partners

- Kickoff event Feb 16th - nearly 40 companies
- Application process:
 - MI Saves authorization, signed agreement with City, insurance coverage for City
- 8 partners confirmed, 4 applications pending





a2energy
PACE Program

Status

Ann Arbor City Council

May 14, 2012

Wendy Barrott

PACE Program Administrator

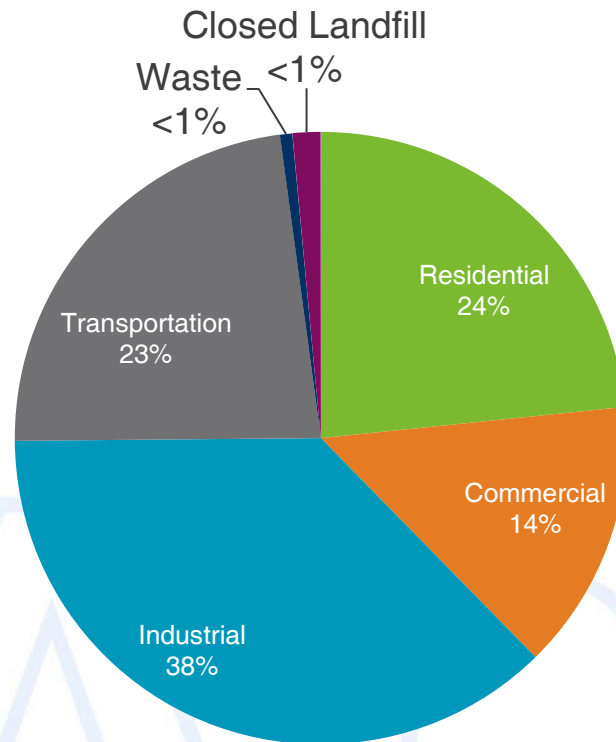


Ann Arbor energy goals

- First Energy Plan – 1981
- Mayor's Green Energy Challenge
 - 2015 goals
 - Municipal
 - reduce greenhouse gas emissions 50% below 2000 levels by 2015
 - 30% renewable energy
 - Community
 - reduce greenhouse gas emissions 8% below 2000 levels by 2015
 - 5% renewable energy



Ann Arbor community GHG emissions - 2010





PACE in Michigan

- Established by PA 270 in 2010 - allows local governments to establish energy financing districts
- Commercial and industrial properties eligible
 - **not** residential due to FHFA letter
- Financing for energy efficiency improvements and renewable energy systems
- **NOT** a general obligation of local government
- Requires mortgage holder consent
- Sets assurances to protect eligibility,



Why PACE?

- Provides attractive financing – not offered by other sources
- Low, fixed interest rates
- Long repayment terms
- May transfer with property
- Security to investors
 - repayment structured to be less than energy savings achieved by project
 - lien provides City ability to collect equal to property tax collection
 - loan loss reserve



Projects serve a public purpose

spurs economic
development

creates jobs

increases property
values

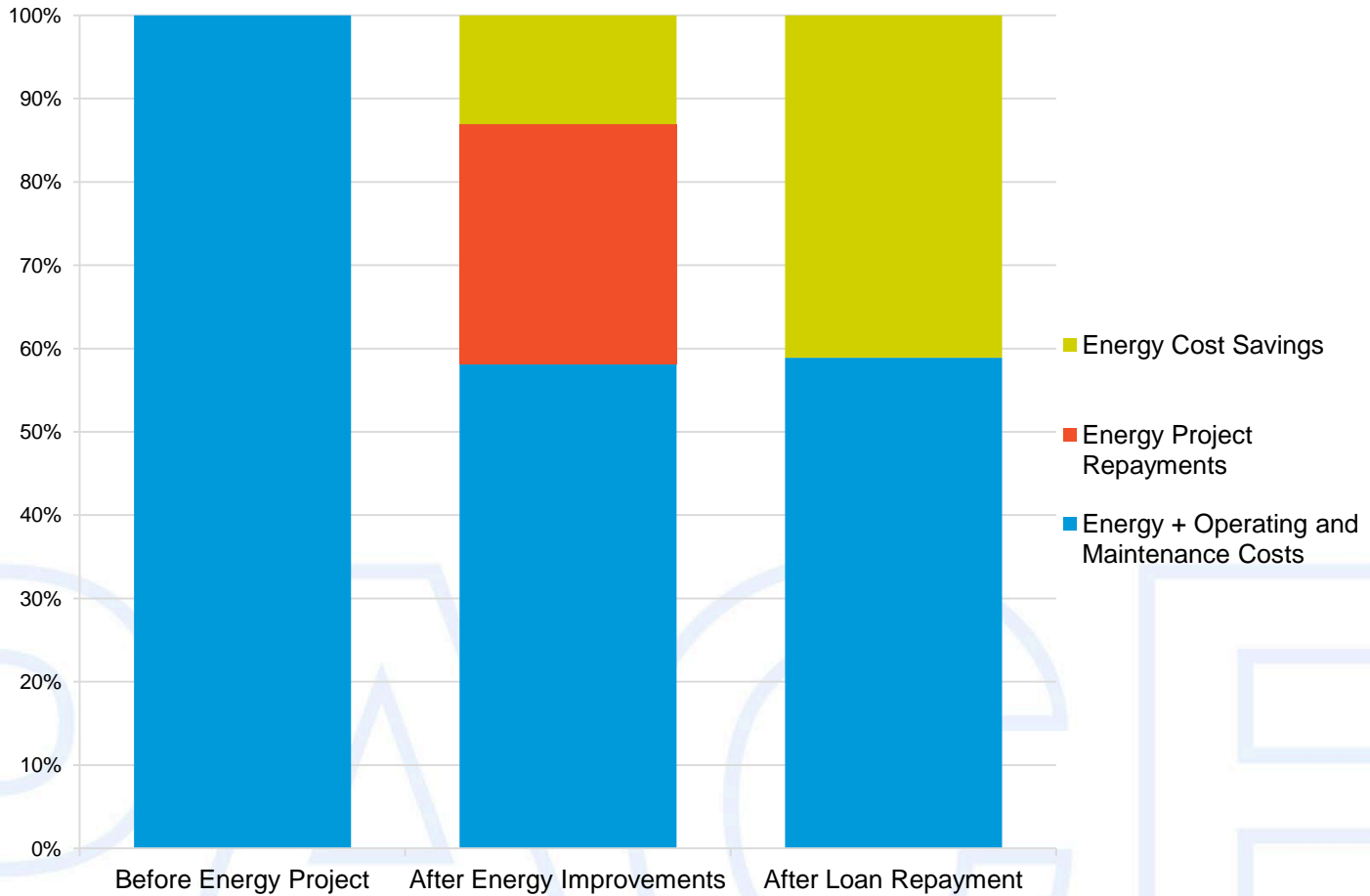
reduces **energy**
use

controls
energy costs

reduces
greenhouse gas
emissions

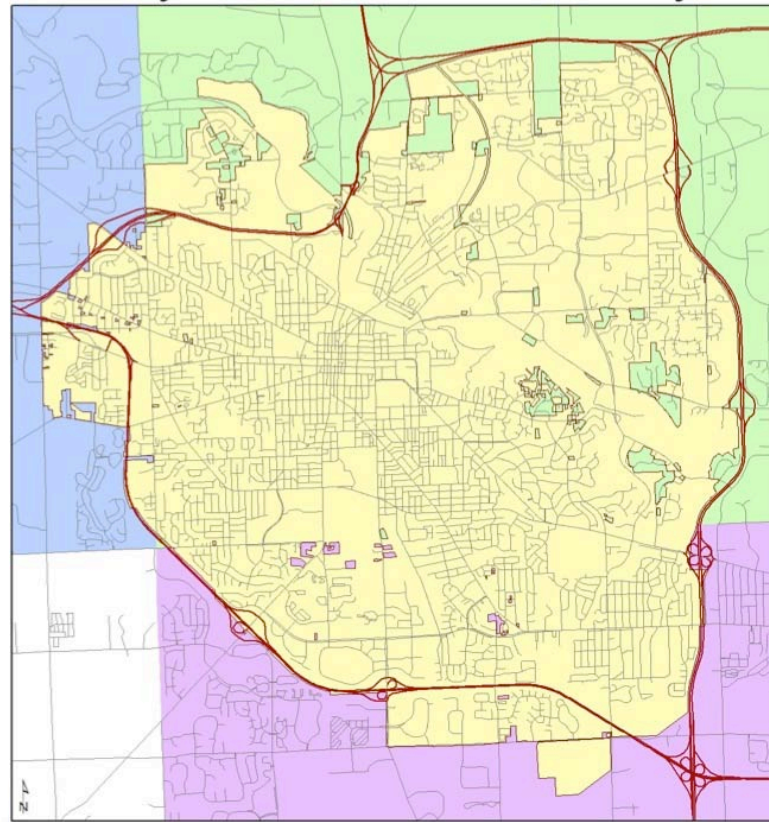


Energy savings through PACE





Ann Arbor's Energy Financing District



Not to scale

LEGEND

Jurisdiction

- | | | |
|--------------------|---------------------|---------------|
| City of Ann Arbor | Lodi Township | Scio Township |
| Ann Arbor Township | Pittsfield Township | |

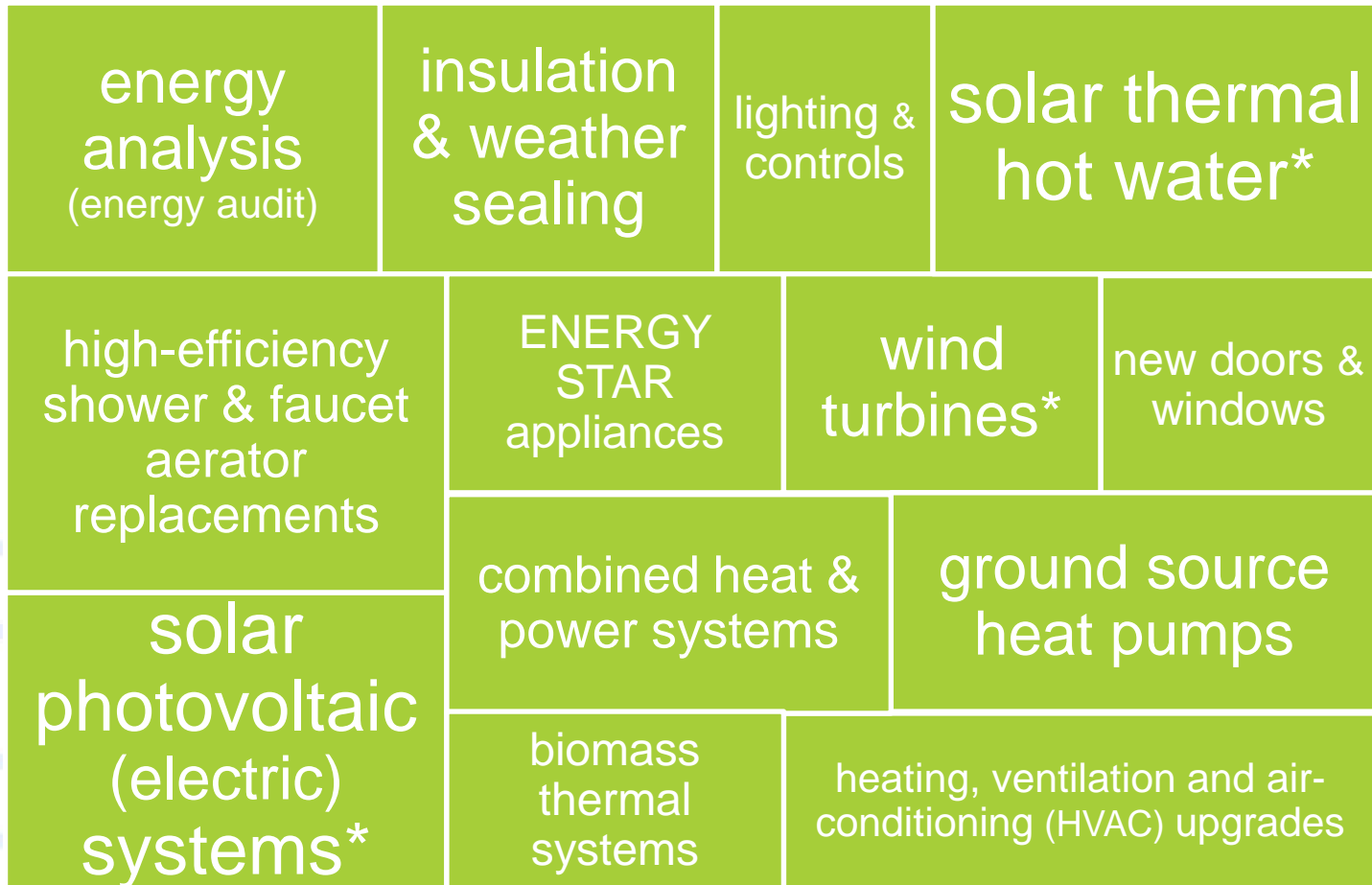


Who is eligible?

- Commercial properties
 - property subject to Michigan Building Code
 - includes
 - apartment buildings with 3 or more units
 - tax exempt -- churches, private schools
 - retail, offices, manufacturing
 - **all** properties except those subject to Michigan Residential Building Code
 - single family, duplex, certain townhouses (and public schools)



What is eligible?



**Energy efficiency must be improved before implementing renewable energy systems*



Overview of project process

1. Pre-application

2. Application

3. Review

4. Installation

5. Tracking



Integration into Ann Arbor processes

- Use of existing assessment billing system
- Special module for incorporation into TRACKiT
- Coordination with building inspections
- Coordination with City's payment process
- Coordination with lien process
 - consistent with City & County



Thank you!

- Financial Services Area
- City Service Units
- Treasury Division Unit
- IT
- Systems Planning Unit
- City Attorney's Office



Status

- PACE Training March 8th
- Presentations
 - Washtenaw Area Contractor Association
 - Washtenaw Apartment Association
 - BOMA
 - WasteKnot
 - Ann Arbor AIA Chapter
- One-on-one meetings – 32
- Phone inquiries - numerous



Status

- Seven pre-qualified auditors
- Number of pre-screenings

24

- Number of applications received

0



Status

- Number of applications and size estimated coming – date coming
- 4 totaling \$700,000 – week of May 14th
- 1 totaling \$14,000 – week of May 14th
- 1 totaling \$60,000 – week of May 14th



Status

- Number of new audits underway
 - 7 – 8 large property manager (one every 2 weeks)
 - 2 buildings at office complex
- Number of seriously interested
 - 10



Summary

- Businesses are interested
- Favorably received
- Slow to ramp up
 - New program
 - New concept
 - use operating money instead of their capital
 - concerns about the lien
 - Time needed by applicant to scope project and apply competes with other priorities
 - true for any energy efficiency projects



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a2energy is a joint program with the City of Ann Arbor and Clean Energy Coalition