



ADVANCING CLEAN ENERGY AT THE LOCAL LEVEL: How to Implement PACE & Other Effective Clean Energy Programs

Friday, July 16, 2010
 Charter Lecture Hall at Stephens College – Columbia, MO
 9:00 am – 3:00 pm
 Hosted by Renew Missouri
 Register at www.RenewMO.org/pace-training.html

Topics Include:

- PACE benefits, details, and logistics
- What a PACE program entails
- Effective timelines for implementation
- Funding options for PACE programs
- Crucial safeguards
- Effective ways to monitor and evaluate program performance
- How to identify and reach out to program participants

The training will also include a panel discussion on local energy efficiency and renewable programs currently underway in Missouri and others that should be considered. Speakers include:

- Dennis Murphy, KC
- Barbara Buffaloe, Columbia
- Brian Hamburg, Springfield
- Catherine Werner, St. Louis

Note: Registration is from 8:30am-9am, program from 9am-3pm. Lunch is included.

Topic	Organization	Speaker
PACE History and Potential. How to designing an effective PACE program	Renewable Funding	Steve Frenkel, Midwest Region Director
The Legal Framework of PACE	Gilmore & Bell Armstrong Teasdale LLP	Mark Spykerman Robert Klahr
Helping Smaller Municipalities Aggregate	EIERA	Karen Massey, Deputy Director
A Blueprint for PACE in Missouri and Federal Funding for PACE Programs	Missouri Department of Natural Resources	James Trout, Energy Project Manager
Local Implementation of PACE	City of Ferguson City of Creve Coeur St. Louis County	Rosalind Williams John May Anne Klein
Missouri Options for PACE Financing	Energy Equity Funding	Byron DeLear, Chair
Legislative Priorities for 2011	Renew Missouri	PJ Wilson, Columbia Director

Cost:

Attendee	Price (includes lunch)
Municipal, county, or other government employee, Not-for-profits, Private citizens	\$75
For-Profit Professionals (i.e. energy, finance, construction, etc.)	\$100

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Other Stakeholders, including auditors, contractors, not-for-profit organizations, and private citizens wishing to be involved in the creation of effective local clean energy programs are also encouraged to attend.

What is PACE?

PACE is state-enabling legislation that allows cities and counties to issue bonds or otherwise finance programs that pay up to 100% of the upfront costs of efficiency and renewable energy upgrades for homes and businesses, including energy audits.

The new legislation requires energy savings to outweigh special assessment payments, and are thus cashflow-positive, saving participants money continually from day one. Homeowners repay project costs gradually through a special assessment on the property taxes of the benefited property. Upon the sale of a home, the special assessment and energy savings are passed onto the next owner.

What are the benefits of PACE for cities and counties?

Revenue Neutral - PACE loan programs have very little impact to the city's budget, since the bonds cover both the loans and the program administration costs and are repaid through the voluntary assessments placed on participating property owners. Loan payments are collected alongside property taxes.

Job Growth - PACE has the ability to stimulate local job creation through the installation of solar energy and efficiency improvements on private property – jobs that can't be outsourced!

SAMPLE PROJECT

- 1) \$18,000 project pays for insulation in attic & walls, new windows, and high-efficiency heat pump for a home
- 2) Total project cost is \$20,000 (including financing & administration costs)
- 3) Yearly assessment = \$1,000 (\$20,000 repaid over 20 years)
- 4) Resulting energy savings = \$1,500 (must be greater than the yearly assessment in this case \$1,000/yr)
- 5) Net Result = (\$1500 - \$1,000) = \$500 savings/yr

MISSOURI ORGANIZATIONS SUPPORTING PACE

City of **Kansas City**, **St Louis County**, City of **Ferguson**, City of **Creve Coeur**, Kansas City Power and Light (**KCP&L**), Missouri Public Utilities Alliance (**MPUA**), Missouri Energy Development Association (**MEDA**), The Council for the Municipal League, Missouri Energy Initiative, St. Louis Regional Chamber Growth Association (**RCGA**), Renew Missouri, Missouri Solar Energy Industrial Association (MOSIEA), Missourians for a Balanced Energy Future, Missouri Association of Accredited Energy Professionals (MAAEP), Missouri Votes Conservation

What are the benefits to participating property owners?

Low Upfront Cost - Removes the upfront cost barrier of renewable energy and energy efficiency improvements. Most programs only charge a small fee to property owners.

Less Investment Risk - Removes the uncertainty of recovering the cost of improvements if the property is sold, since the loan stays with the property via the tax assessment.

Lower Monthly Payments - Reduces the cost of ownership of the property immediately, since the monthly loan payment is typically less than the monthly savings on utility bills.

Good Financial Sense - The loan typically has terms that are better than other loan options.

For more information on the PACE Training or on PACE in Missouri, contact Jason Hughes at (573) 239-5690 or Jason@RenewMO.org. Renew Missouri is a project of the Missouri Coalition for the Environment, a 501(c)3 organization.



Renew Missouri
Advancing Efficiency and Renewable Energy