Elevate Energy

Illinois Energy Efficiency Stakeholder Advisor Group May 12, 2020



Agenda May 12, 2020

- Joint Program Implementation for Nonprofit Customers
- Water Energy Efficiency Measures
- Field-Adjustable Streetlights
- Municipal Ambassador Program
- Warming and Cooling Centers

Joint Program Implementation for Nonprofit Customers

Dara Reiff Senior Manager, Nonprofit Programs



Joint Program Implementation for Nonprofits

- Applicable utilities
 - All Illinois utilities
- Idea
 - Establish a dedicated energy efficiency offering to nonprofit customers that is jointly-implemented by all utilities
- Rationale
 - Nonprofit customers are currently underserved by existing energy efficiency portfolios
 - These customers experience a great deal of market confusion around program eligibility
 - Nonprofits play critical roles in our communities and should not be left out of energy efficiency offerings

Joint Program Implementation for Nonprofits

- Impact on customers
 - Energy and cost savings that can be redirected toward nonprofits' missions
- Impact on Illinois energy efficiency programs
 - Increased savings and program participation
 - Economies of scale through streamlined program delivery







Water Energy Efficiency Measures

Larry Kotewa Chief Engineer



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Water Energy Efficiency Measures

- Applicable utilities
 - ComEd and Ameren
- Idea
 - Add water saving devices recently included in the TRM to the utility portfolio of offerings
 - Consider water savings program for low-income customers and/or a leak alert program

Water Energy Efficiency Measures

• Rationale

- Water saving devices help customers save on utility costs
- Utilities can claim additional system-wide energy savings
- Potential for energy and water utility partnerships
- Impact on customers
 - Average monthly water bill has gone up by 57% in 30 major U.S. cities since 2010
 - Addressing leaks and replacing toilets can help residents save thousands of gallons of water and reduce utility costs

Field-Adjustable Streetlights

Larry Kotewa Chief Engineer



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Field-Adjustable Streetlights

- Applicable utilities
 - ComEd and Ameren
- Idea
 - Use actual wattage setting instead of nameplate wattage on field-adjustable LED streetlight fixtures as baseline for wattage reduction
 - Recommend lights be metered lights to allow for monitoring

Rationale

- Field-adjustable wattage settings are a current market trend
- Customer should receive incentive based on actual wattage reduction

Field-Adjustable Streetlights

Impact on customers

- Increased customer satisfaction by paying incentive based on actual wattage reduction
- Impact on Illinois energy efficiency programs
 - Increased lifetime kWh savings

Municipal Ambassador Program

Lindy Wordlaw Senior Manager, Public Sector Programs

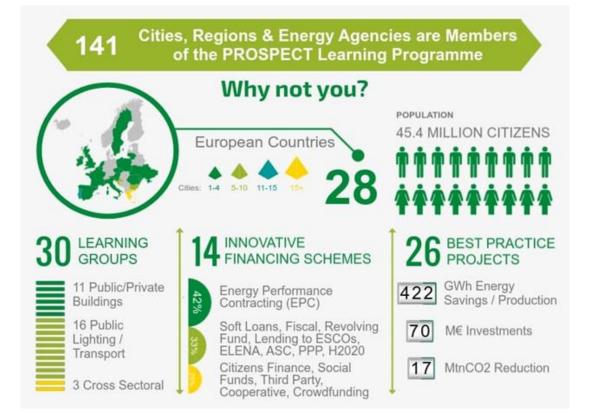


Municipal Ambassador Program

- Applicable utilities
 - ComEd, Nicor Gas, Peoples Gas/North Shore Gas
- Idea
 - Peer-to-peer learning and guided mentorship for public sector agencies (one year pilot program)
 - Further encourage and facilitate the uptake of incentives at public sector facilities by testing a variety of engagement methods
- Rationale
 - Promote stronger regional cooperation and partnership
 - Build on the successes from one community to lend a hand in helping another, paying it forward
 - Incentivize meaningful and deliberate planning-ahead practices
 - Position municipalities to encourage uptake of utility incentives across all sectors in their communities – "We did it, so can you!"

Case Study – PROSPECT Learning Programme

- EUROCITIES develops and implements
 3-year peer learning program
- 180 local authorities in collaboration with local utilities



Best Practices in Public Sector Peer Learning

- Purposeful matching
- Paired engagements/joint activities
- Large- and small-group settings
- Design and implement well thought out activities with desired outcomes
- Guide and support sustained, long-term action

Figure 1. A stylised peer learning process map Pre-foundational phase: Consideration given to engaging groups of peers Peer group foundational engagement established > Purposeful matching "Magic bullet" thinking - "it's peer engagement, so it must be > Group meetings peer learning, so it must be good" Common assessment produce **Risk Management** > Peer knowledge products > Structured assessment of the overall purpose of the engagement > Training sessions Sconing the demand. > Expert peer review Single- or multi-peer self-assessment Achieves sustained contact between individuals 2 Tools Risks > Paired engagements > Hitting formal target but missing the politically-smart point > Online networking **Risk Management** > Site visits > Joint peer activities > Exercises to help establish commitment and trust within the peer > Community publications learning community > Activities for maintaining momentum Peer produced knowledge products Learning outcomes achieved > Peer produced products > Standard reform solutions are promulgated via peer learning Site visits Scoping the demand . loint activities > Using research evidence ide to Peer-to-Peer Learning > Tools for meaningful and inclusive conversations > Including formal training within peer activities Approaches to evaluate learning objectives > Tools to develop reflection earning applied to create change at scale 4 Risks > Weak evaluation of the peer learning engagement > Learning outcomes not focused on results at scale **Risk Management** > Establishing links between the peer learning and the home context Strategising through a "theory of change" Activities to help in building negotiation skills > Developing coalition-building skills Effective Institutions Platform > Approaches for evaluating the overall peer learning initiative

Municipal Ambassador Program

Impact on customers

- Increased customer satisfaction and confidence in utility programs, due to peer experience
- Impact on Illinois energy efficiency programs
 - Increased lifetime kWh savings
 - Increased pipeline of projects from a segment of public sector that is currently lagging (economically disadvantaged communities)

Warming and Cooling Centers

Lindy Wordlaw Senior Manager, Public Sector Programs



Warming and Cooling Centers

Applicable utilities

- All Illinois utilities
- Idea
 - Warming and cooling centers provide vital public health emergency services across Illinois communities
 - Target providers to utilize existing HVAC incentives to ensure that systems meet industry-recognized high-efficiency standards

Rationale

- Improve HVAC efficiency and reliability during public health emergencies
- Support public preparedness and resiliency efforts
- Increase occupancy comfort during time of need

Warming and Cooling Centers

Impact on customers

- Increased customer satisfaction
- Reduced operating costs
- Impact on Illinois energy efficiency programs
 - Increased lifetime kWh savings
 - Increased awareness; likelihood of participation in similar incentives for other public sector buildings