# **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

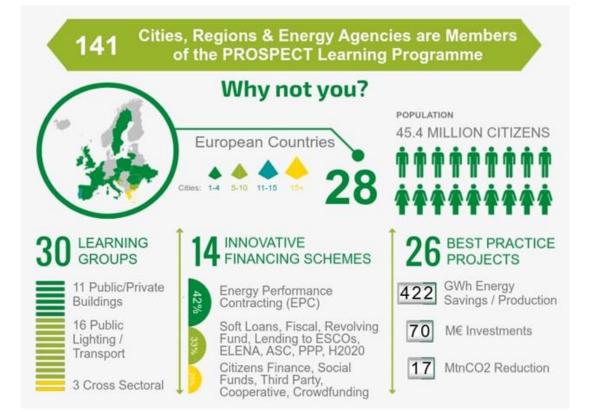


### **Municipal Ambassador Program**

- 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