

# Income Eligible Programs Update

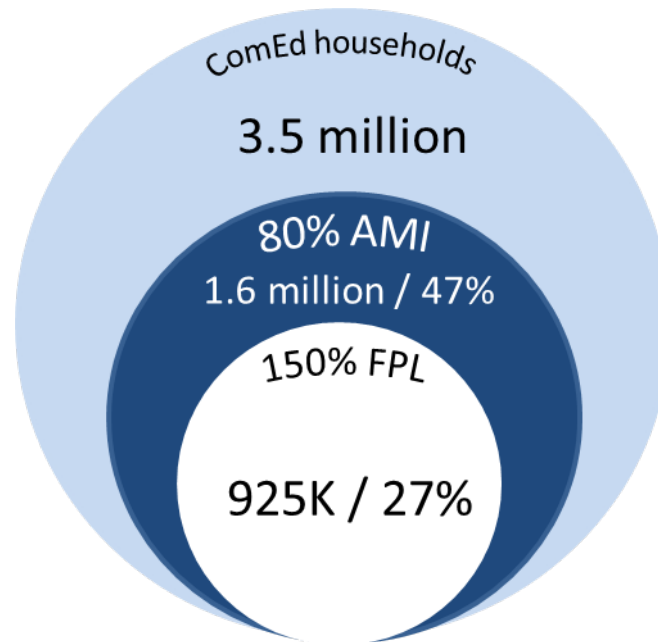
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# Agenda

- ✓ Market Characterization
- ✓ ComEd's Income Eligible Program Philosophy
- ✓ 2018-2021 Income Eligible Programs
- ✓ Q&A

# Market Characterization

- ✓ In ComEd's territory, there are
  - Approximately 3.5 million households served
  - 1.6 million households (47%) meet the 80% AMI requirement



# Our Income Eligible Program Philosophy

- ✓ Use a **whole-building approach** to increase efficiency
- ✓ Offer programs that benefit **owners and renters**
- ✓ Offer customers **multiple ways to participate**
- ✓ Include **customer education** in every program
- ✓ **Leverage sources of funding** for health & safety improvements or measures not covered by utility (e.g., IHWAP, IHDA, Community Investment Corporation)
- ✓ **Partner with organizations** already working with targeted populations
- ✓ **Strengthen communities** not just by weatherizing homes but also by supporting the community as a whole (e.g., hiring people from the community)

# Income Eligible Programs—Overview

<b>Programs</b>	<b>2018 Budget</b>
<b>Affordable Housing New Construction</b>	\$ 2.7 million
<b>Income Eligible Multifamily Retrofits</b>	\$ 8.2 million
<b>Income Eligible Single Family Retrofits</b>	\$ 8.5 million
<b>Income Eligible LED Distribution</b>	\$ 3.2 million
<b>Income Eligible Energy Efficiency Kits</b>	\$ 3.2 million
<b>Income Eligible Lighting Discounts</b>	\$ 5.3 million
<b>Income Eligible Outreach</b>	\$ 2.0 million
<b>Income Eligible Portfolio—Administration</b>	\$ 6.2 million
<b>Public Housing Program <i>[tracked under Public Sector]</i></b>	\$ 2.2 million
<b>TOTAL:</b>	<b>\$41.5 million</b>

# Affordable Housing New Construction

## Program

Grants for affordable housing developers for new construction or major renovation of affordable housing. Joint program with Peoples Gas, North Shore Gas and Nicor Gas.

## Measures

Eligible measures include any above-code building construction that results in electric energy savings when compared to an at-code baseline

## Target Market

For-profit and non-profit affordable housing developers and the architects who work with them

# Affordable Housing New Construction

## Annual Budget

\$2.7 million

## Annual Number of Units

1,012

## Total Annual Energy Savings

1,222,000 kWh

## Annual Energy Savings per Unit

1,208 kWh; \$144.96\*

Therm savings from gas company measures

## Average Measure Life

25 years



\* Current 12 month average retail price of residential electricity in Illinois is \$0.12/kWh

# Multifamily Retrofits

## Program

Fully subsidized whole building approach, from energy assessment through weatherization. Subsidy to remedy health and safety issues, as needed. Joint program with Peoples Gas, North Shore Gas and Nicor Gas.

## Measures

LED lighting, programmable & smart thermostats, advanced power strips, faucet aerators, low-flow showerheads, pipe insulation, furnaces, water heaters, boiler tune-ups and replacements, ductless heat pumps, air sealing, attic and wall insulation, and A/C window units

## Target Market

- MF homes served by IHWAP
- Nonprofits that manage HUD 811 housing for people with disabilities and HUD 202 housing for elderly people
- MF building owners, managers and tenants in qualified geographic areas (e.g., Census tracts) and owners outside those areas who can prove eligibility



# Multifamily Retrofits

## Annual Budget

\$8.2 million

## Annual Units Served

6,097

## Total Annual Energy Savings

5,213,000 kWh

555,192 therms

## Annual Energy Savings per Unit

855 kWh; \$102.60

91 therms; \$91.00\* (ComEd measures)

Therm savings from gas company measures

## Average measure life

14.4 years

\* Current 12 month average retail price of residential natural gas in Illinois is \$1.00/therm



# Single Family Retrofits

## Program

Fully subsidized, whole building approach, from energy assessment through weatherization. Subsidy to remedy health and safety issues, as needed. Joint program with Peoples Gas, North Shore Gas and Nicor Gas.

## Measures

LED lighting, programmable & smart thermostats, advanced power strips, faucet aerators, low-flow showerheads, pipe insulation, furnaces, water heaters, ductless heat pumps, air sealing, attic and wall insulation, and A/C window units.

## Target Market

- SF homes served by IHWAP
- Owners of older, energy-intensive residential building types, such as bungalows
- SF home owners in qualified geographic areas (e.g., Census tracts) and owners outside those areas who can prove eligibility

# Single Family Retrofits

## Annual Budget

\$8.5 million

## Annual Homes Served

3,692

## Total Annual Energy Savings

6,923,000 kWh

227,151 therms (ComEd measures)

Therm savings from gas company measures

## Annual Energy Savings per Unit

1,875 kWh; \$225.00

62 therms; \$62.00

## Average measure life

17.8 years



# LED Kits

## Program

Kits containing 4 LED light bulbs and educational material with tips to further reduce energy use will be distributed through Feeding America food banks and their network of approximately 300 food pantries

## Measures

Screw-in LED light bulbs

## Target Market

Income eligible individuals served by food pantries

## Annual Budget

\$3.2 million



# LED Kits

## Annual Number of Kits Distributed

380,000

## Total Annual Energy Savings

23,014,000 kWh

## Annual Energy Savings per Kit

61 kWh; \$7.32

## Average measure life

9.6 years

# Energy Efficiency Kits

## Program

Kits containing easy-to-install energy-reducing devices and educational material with tips to further reduce energy use will be distributed through Community Action Agencies

## Measures

Two LED light bulbs, an LED night light, an advanced power strip, a high-efficiency showerhead and two faucet aerators

## Target Market

Eligible individuals (e.g., LIHEAP or IHWAP applicants) served by CAAs

## Annual Budget

\$3.2 million

# Energy Efficiency Kits

**Annual Number of Kits Distributed**

35,000

**Total Annual Energy Savings**

9,012,000 kWh

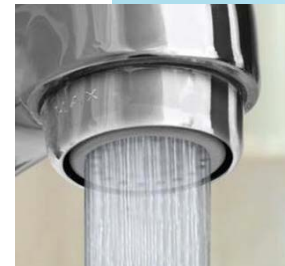
**Annual Energy Savings per Kit**

257 kWh; \$30.84

Therm savings from gas company measures

**Average measure life**

9.1 years



# Income Eligible Lighting Discounts

## Program

LED light bulbs sold at a discounted price through participating retailers in targeted geographic areas (e.g., Census tracts)

## Measures

Screw-in LED bulbs

## Target Market

Residential customers living in targeted geographic areas

## Annual budget:

\$5,265,601



# Income Eligible Lighting Discounts

## Annual Lamps Distributed

1,126,754

## Total Annual Energy Savings

21,621,000 kWh

## Annual Energy Savings per Lamp

19 kWh

\$2.28

## Average Measure Life

10.3 years

# Public Housing

## Program

Energy assessments and incentives to upgrade inefficient equipment/systems in buildings owned and managed by Public Housing Authorities. Building types include residential units and common areas, as well as maintenance, community, office and other buildings. Participants also will receive educational information about easy, energy-saving actions they can take to reduce their energy bills. Joint program with Peoples Gas.

## Measures

LED lighting, programmable and smart thermostats, advanced power strips, faucet aerators, low-flow showerheads, pipe insulation, furnaces, water heaters, boiler tune-ups and replacements, ductless heat pumps, air sealing, attic and wall insulation, and A/C window units

## Target Market

PHAs providing housing assistance to households with incomes at or below 80% of the Area Median Income

# Public Housing

## Annual Budget

\$2,190,127

## Annual Units Served

2,130

## Total Annual Energy Savings

1,826,000 kWh

## Annual Energy Savings per Unit

857 kWh; \$102.84

## Average measure life

12.7 years



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