



ComEd Income-Eligible Energy Efficiency Electrification



Workshop #2

6/1/22

Workshop Agenda

Wednesday, June 1, 2022

10:00 – 10:15 am	Welcome, Agenda Overview, Workshop 1 Recap
10:15 – 10:30 am	Refresher on ComEd's Goals
10:30 – 11:00 pm	Review Miro Boards and Priorities
11:00 – 12:05 pm	Small Group Discussions
12:05 – 12:35 pm	Lunch Break
12:35 – 12:55 pm	Finish Small Group Discussions
12:55 – 1:15 pm	Report Out and Large Group Discussion
1:15 – 1:30 pm	Next Steps, Wrap Up, and Adjourn

EE Electrification Overview

- **2021 Illinois Energy Law**

- Beginning in 2022, utilities may offer electrification measures provided they reduce total energy consumption at the premises; reduction in energy consumption may be counted toward achievement of annual goals
- Eligible end uses include “space heating, water heating, cooling, drying, cooking, industrial processes, and other building and industrial end uses that would otherwise be served by combustion of fossil fuel at the premises”
- Calculation of savings is outlined
- Limited to 5%/year in Plan 6
- 25% of savings must come from electrification in income eligible housing
- Prior to installing an electrification measure, utility must provide customer with estimate of impact on monthly electric bill and total annual energy expenses

- **ComEd Revised Plan 6 (2022-2025)**

- Key electrification measures include the family of heat pumps, heat pump water heaters, and C&I forklifts
- New measures/offerings will be added as they are developed; we have flexibility to pursue any other measure that creates site energy savings and delivers a competitive \$/kWh

EE Electrification Overview

- **ComEd Plan 6 Revised Stipulation Agreement**
 - Target on average \$10M spend per year 2022-25 (ramping up over time)
 - Both SF and MF homes included
 - Direct install of electrification measures for IE customers limited to where combined measure installations lower total energy bills
 - Outline of elements to include when calculating customer energy and bill savings
 - To the extent practicable, support complete electrification of all end uses
 - To the extent practicable, integrate space heating electrification with weatherization
 - Endeavor to integrate electrification measures into existing weatherization program delivery
 - Cover costs of service upgrades and other ancillary costs, with the possible exception of multifamily property owners
 - Transition customers to the appropriate ComEd electric rate
 - Coordinate and discuss proposed program approaches with IL stakeholders

EE IE Electrification

- Income Eligible Energy Efficiency Electrification will need to rapidly scale over next four years
- There is a lot to learn, but it is time to shift into building out the program designs and implementation

Revised Plan 6 - Income Eligible Electrification Budget				
2022	2023	2024	2025	4 - year
\$ 1,620,000	\$ 8,502,500	\$ 12,695,000	\$ 16,820,000	\$ 39,637,500

Revised Plan 6 - Income Eligible Electrification First Year Energy Savings				
2022	2023	2024	2025	4 - year
1,238	7,752	11,465	14,910	35,365

Relevant Research / Updates

- Currently investigating how to communicate fuel switching to residential customers:
 - What is the best channel to communicate with customers about fuel switching? What is the best timing?
 - What are customers' current understandings of concepts like home appliance fuel use, fuel types, cost, and electrification? What are their perspectives and concerns about these concepts?
 - What language do customers currently use and understand when it comes to their energy use and fuel types? Where might they need things defined or explained better?
 - How have other program administrators addressed this issue? Are there lessons learned from other beneficial electrification efforts?
 - What role can contractors and market actors play in educating customers about fuel switching? What are their perspectives and/or concerns on it?
- Interviewing contractors and builders on awareness and attitudes toward electrification
- Researching how to identify propane heating customers and confirming that this customer segment should be targeted for early IE electrification efforts
- Building out bill savings calculator assumptions
- Understanding best practices and early successes across building electrification programs nationally



Thank you

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