



ComEd Whole Home Electric Program CY2025 Impact Evaluation Report

Energy Efficiency and Demand Response Plan

Program Year 2025 (CY2025)

(01/01/2025-12/31/2025)

Prepared for:

ComEd



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Prepared by:

Ethan Hyde
Natasha Herring
Jordan Chiapetta
Ridhi Kalra
Jeff Erickson
Guidehouse

Fahman Khan
Mike
Frischmann
EcoMetric
The EcoMetric logo, featuring a large, stylized letter "E" with a green leaf-like shape integrated into its right side.
ECOMETRIC

Submitted to:

ComEd
2011 Swift Drive
Oak Brook, IL 60523

Submitted by:

Guidehouse Inc.
167 N. Green Street
12th Floor
Chicago, IL 60607

Contact:

Charles Maglione, Partner
703.431.1983
cmaglione@guidehouse.com

Jeff Erickson, Director
608.616.4962
jeff.erickson@guidehouse.com

Natasha Herring, Managing Consultant
303-728-2487
naherring@guidehouse.com

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1 Introduction

This report presents the results of the impact evaluation of the Whole Home Electric program from the program year from January 1 to December 31, 2025 (CY2025). The program was designed to provide energy saving products to income eligible single family and multifamily homes.

2 Program Savings Detail

Table 1 summarizes the incremental energy and demand savings the Whole Home Electric program achieved in CY2025. The electrification savings are those resulting from electrification measures.¹

Table 1. Total Annual Incremental Electric Savings - Total

Savings Category	Units	Ex Ante Gross Savings*	Program Gross Realization Rate	Verified Gross Savings*	Program Net-to-Gross Ratio (NTG)	CY2023 Net Carryover Savings	CY2024 Net Carryover Savings	Verified Net Savings†
Electric Energy Savings - Direct‡ kWh		3,631,077	1.01	3,658,991	1.00			3,658,991
Electric Energy Savings - Converted from Other Fuels§ kWh								
Electric Energy Savings - Indirect from Electrification (electrification baseline) kWh		9,185,865	1.00	9,211,693	1.00			9,211,693
Electric Energy Savings - Indirect from Electrification (efficiency baseline) kWh								
Total Electric Energy Savings# kWh		12,816,943	1.00	12,870,683	1.00			12,870,683
Total Electric Energy Savings Including Carryover# kWh								
Summer Peak**† Demand Savings kW		276	1.01	279	1.00			279
Summer Peak**† Demand Savings Including Carryover kW								

N/A = not applicable (refers to a piece of data that cannot be produced or does not apply).

* The “Ex Ante Gross Savings” and “Verified Gross Savings” in row one (Electric Energy Savings - Direct) and row seven (Summer Peak Demand Savings) exclude gross carryover savings from CY2023 and CY2024.

† The “Verified Net Savings” in row one (Electric Energy Savings - Direct) and row seven (Summer Peak Demand Savings) include net carryover savings from CY2023 and CY2024 for applicable programs.

‡ The Electric Energy Savings - Direct includes primary kWh savings from efficient measures (excluding electrification savings from both electrification and efficiency baseline), secondary kWh savings from wastewater treatment, and electric heating penalties.

§ Other fuel savings converted to kWh by multiplying Therms * 29.31 (which is based on 100,000 Btu/Therm and 3,412 Btu/kWh). The evaluation team will determine which other fuel savings will be converted to kWh and counted toward ComEd’s electric savings goal while producing the portfolio-wide Summary Report.

|| Electrification savings excluding direct efficiency savings. Calculated from net electric savings from increase in kWh consumption and decrease in gas consumption from electrification (kWh equivalent). This row calculates savings using electrification baseline. The next row (Electric Energy Savings – Indirect from Electrification (efficiency baseline)) calculates the portion of converted electrification savings to traditional efficiency electric savings using an efficiency baseline, which can be claimable towards ComEd’s electric savings goal (applied to only midstream programs).² The evaluation team determined which electrification savings

¹ The electrification savings counted toward ComEd’s electric savings goal were determined by the evaluation team’s analysis of portfolio verified savings. According to Section 8-103B(b-27) of the Illinois Public Utilities Act, “In no event shall electrification savings counted toward each year’s applicable annual total savings requirement, as defined in paragraph (7.5) of subsection (g) of this Section, be greater than 5% per year for each year from 2022 through 2025.”

² ComEd IE EE Policy_2_17-25_Final Clean: Illinois Energy Efficiency Stakeholder Advisory Group Policy Resolution: Income Eligible Energy Efficient Electrification Attribution for Midstream Programs - Final (2/17/2025)

are allocated toward ComEd's electrification savings goal, and which portion of electrification are converted to traditional efficiency electric savings based on analysis of portfolio-wide verified savings.

Total Electric Energy Savings is the sum of the Electric Energy Savings - Direct, Electric Energy Savings Converted from Other Fuel, Electric Energy Savings - Indirect from Electrification (electrification baseline), and Electric Energy Savings - Indirect from Electrification (efficiency baseline). Note: This row does not include carryover gross savings, but the next row (Total Electric Savings Including Carryover) includes carryover in the gross savings, for the purpose of recalculating the gross realization rate, including carryover savings (same for the peak demand savings).

*† The Peak Demand Savings are savings occurring at coincident Summer Peak period, defined as 1:00-5:00 PM Central Prevailing Time on non-holiday weekdays, June through August. This definition is in accordance with PJM requirements.

Note: The NTG ratio for income eligible customers is set to 1.00 as per the "NTG Ratio for Disadvantaged Areas" policy.³

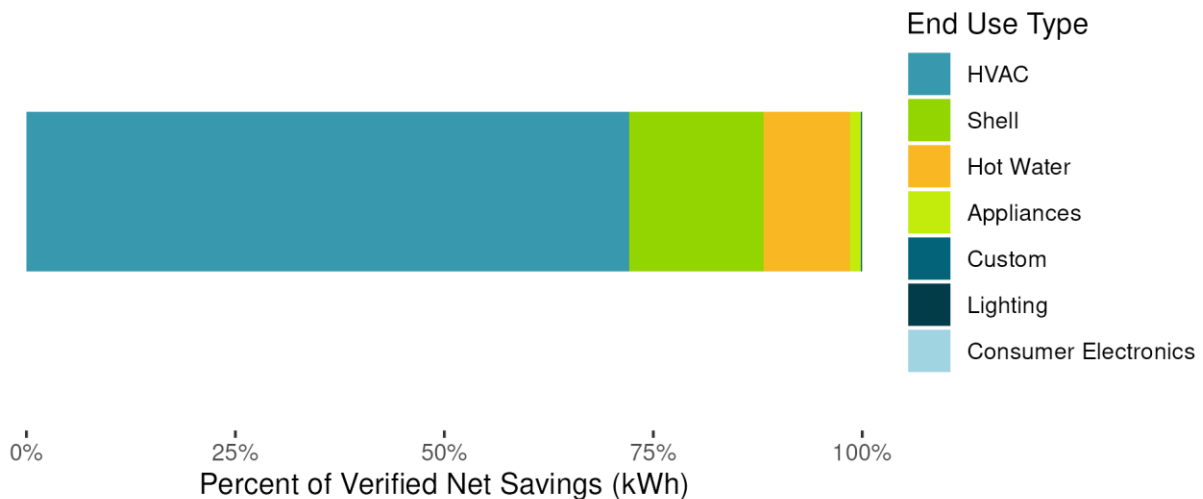
Source: Evaluation team analysis

Footnotes are defined similarly as found in Table 1.

Source: Evaluation team analysis

Figure 1 shows the electric energy savings by measure end use. It includes measure efficiency savings, carryover kWh, secondary water kWh, and electrification savings.

Figure 1. Verified Net Savings by Measure – Electric



Source: Evaluation team analysis

3 Cumulative Persisting Annual Savings

Table 2 shows the cumulative persisting annual savings (CPAS) for the measures installed in CY2025. The electric CPAS across all measures installed in CY2025 is shown in Table 2.

Table 2. CPAS – Total

Savings Category	Verified Gross Savings (kWh)	Lifetime Net Savings (kWh) [†]	CPAS Verified Net kWh Savings											
			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		
CY2025 Program Total Contribution to CPAS	12,870,683	185,171,650										12,870,683	12,870,683	12,870,683
Historic Program Total Contribution to CPAS [‡]	7,563,051	102,671,841	0	0	0	0	0	0	0	0	7,563,051	7,563,051	7,563,051	7,563,051
Program Total CPAS	20,433,734	287,843,491	0	0	0	0	0	0	0	0	7,563,051	20,433,734	20,433,734	20,433,734
CY2025 Program Incremental Expiring Savings [§]													0	0
Historic Program Incremental Expiring Savings												0	0	0
Program Total Incremental Expiring Savings [#]	0											0	0	0

Savings Category	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
CY2025 Program Total Contribution to CPAS	12,870,683	12,870,683	12,857,939	11,076,588	10,500,516	10,499,338	10,499,338	10,200,655	9,452,631	9,452,631	9,452,631	9,446,418	8,116,614	1,120,884
Historic Program Total Contribution to CPAS [‡]	7,563,051	7,561,695	7,166,064	5,689,471	5,684,318	5,684,318	5,628,216	5,444,059	5,444,059	5,441,851	5,428,235	4,672,405	182,149	182,149
Program Total CPAS	20,433,734	20,432,378	20,024,003	16,766,059	16,184,833	16,183,656	16,127,554	15,644,714	14,896,690	14,894,482	14,880,865	14,118,823	8,298,763	1,303,033
CY2025 Program Incremental Expiring Savings [§]	0	0	12,744	1,781,351	576,072	1,178	0	298,683	748,024	0	0	6,213	1,329,803	6,995,730
Historic Program Incremental Expiring Savings	0	1,356	395,631	1,476,593	5,153	0	56,102	184,156	0	2,209	13,616	755,830	4,490,257	0
Program Total Incremental Expiring Savings [#]	0	1,356	408,375	3,257,945	581,225	1,178	56,102	482,839	748,024	2,209	13,616	762,043	5,820,060	6,995,730

Savings Category	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
CY2025 Program Total Contribution to CPAS	1,120,884	1,120,884	1,118,285	478,200	478,200	478,200	478,200	478,200	478,200	478,200	478,200	478,200	478,200	0
Historic Program Total Contribution to CPAS [‡]	182,149	181,858	28,359	28,359	28,359	28,359	28,359	28,359	28,359	28,359	28,359	28,359	0	0
Program Total CPAS	1,303,033	1,302,743	1,146,645	506,559	506,559	506,559	506,559	506,559	506,559	506,559	506,559	506,559	478,200	0
CY2025 Program Incremental Expiring Savings [§]	0	0	2,599	640,086	0	0	0	0	0	0	0	0	0	478,200
Historic Program Incremental Expiring Savings	0	290	153,499	0	0	0	0	0	0	0	0	0	28,359	0
Program Total Incremental Expiring Savings [#]	0	290	156,098	640,086	0	0	0	0	0	0	0	0	28,359	478,200

[†] Lifetime savings are the sum of CPAS savings through the EUL.

[‡] Historical savings go back to CY2018.

[§] Incremental expiring savings are equal to CPAS Yn-1 - CPAS Yn.

^{||} Historic incremental expiring savings are equal to Historic CPAS Yn-1 – Historic CPAS Yn.

[#] Program total incremental expiring savings are equal to current year total incremental expiring savings plus historic total incremental expiring savings.

Source: Evaluation team analysis