



ComEd Electric Homes New Construction Program CY2025 Impact Evaluation Report

Energy Efficiency and Demand Response Plan

Program Year 2025 (CY2025)

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

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ComEd



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1 Introduction

This report presents the results of the impact evaluation of the Electric Homes New Construction program from the program year from January 1 to December 31, 2025 (CY2025). The program was designed to provide incentives to builders for the construction of energy efficient all-electric homes. The program targets single-family homes, duplexes, townhomes, small multi-family, 2-4 flats, and accessory dwelling units.

2 Program Savings Detail

Table 1 summarizes the incremental energy and demand savings the Electric Homes New Construction 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	719,483	1.68	1,208,421	0.96			1,162,040
Electric Energy Savings - Converted from Other Fuels§	kWh							
Electric Energy Savings - Indirect from Electrification (electrification kWh baseline)	kWh	1,624,315	0.81	1,315,149	0.95			1,246,466
Electric Energy Savings - Indirect from Electrification (efficiency kWh baseline)	kWh							
Total Electric Energy Savings#	kWh	2,343,798	1.08	2,523,570	0.95			2,408,506
Total Electric Energy Savings Including Carryover#	kWh							
Summer Peak** Demand Savings	kW	49	1.81	88	0.94			83
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

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."

ComEd's electric savings goal (applied to only midstream programs).² The evaluation team determined which electrification savings 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).

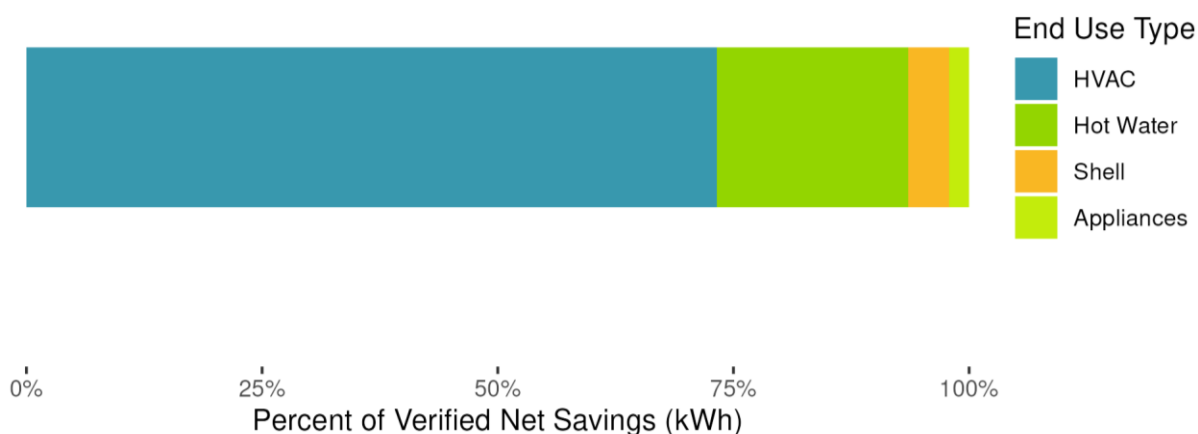
*† The Peak Demand Savings are savings occurring at coincident Summer Peak period, defined as 1:00-5:00 PM Central Prevailing Time on non-holiday weekdays, June through August. This definition is in accordance with PJM requirements.

Note: The program-level NTG values are calculated as Verified Net/Verified Gross. The program-level analysis typically used measure-level deemed NTG values, which are listed here: <https://www.ilsag.info/evaluator-ntg-recommendations-for-2025>. The NTG ratio for eligible business customers in disadvantaged neighborhoods is set to 1.00 as per the "NTG Ratio for Disadvantaged Areas" policy.³

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. It does not include other fuel savings converted to kWh.

Figure 1. Verified Net Savings by Measure – Electric



Source: Evaluation team analysis

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)

³ Illinois Energy Efficiency Policy Manual Version 3.0, Section 7.4, available at <https://www.ilsag.info/policy/>

3 Cumulative Persisting Annual Savings

Table 2 shows the cumulative persisting annual savings (CPAS) for the measures installed in CY2025.

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	2,523,570	38,250,928										2,408,506	2,408,506	2,408,506
Historic Program Total Contribution to CPAS‡		55,083,711	0	0	0	153,748	657,695	2,118,057	3,591,148	3,570,362	3,569,436	3,569,436	3,569,436	3,569,436
Program Total CPAS	2,523,570	93,334,639	0	0	0	153,748	657,695	2,118,057	3,591,148	5,978,869	5,977,943	5,977,943	5,977,943	5,977,943
CY2025 Program Incremental Expiring Savings§												0	0	0
Historic Program Incremental Expiring Savings												20,786	926	0
Program Total Incremental Expiring Savings#												20,786	926	0

Savings Category	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
CY2025 Program Total Contribution to CPAS	2,408,506	2,408,506	2,408,506	2,408,506	2,408,506	2,408,506	2,408,506	2,359,668	2,266,404	2,266,404	2,266,404	2,227,228	1,135,438	108,739
Historic Program Total Contribution to CPAS‡	3,569,436	3,569,436	3,569,436	3,569,436	3,556,988	3,477,731	3,378,131	3,348,191	3,188,691	2,808,843	2,238,712	1,049,127	161,045	159,668
Program Total CPAS	5,977,943	5,977,943	5,977,943	5,977,943	5,965,495	5,886,238	5,786,637	5,707,860	5,455,095	5,075,247	4,505,116	3,276,354	1,296,484	268,408
CY2025 Program Incremental Expiring Savings§	0	0	0	0	0	0	0	48,838	93,264	0	0	39,176	1,091,790	1,026,699
Historic Program Incremental Expiring Savings	0	0	0	0	12,448	79,257	99,600	29,940	159,500	379,848	570,132	1,189,585	888,081	1,377
Program Total Incremental Expiring Savings#	0	0	0	0	12,448	79,257	99,600	78,778	252,764	379,848	570,132	1,228,761	1,979,871	1,028,076

Savings Category	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
CY2025 Program Total Contribution to CPAS	108,739	108,739	105,048	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652
Historic Program Total Contribution to CPAS‡	130,855	78,100	0	0	0	0	0	0	0	0	0	0	0	0
Program Total CPAS	239,595	186,839	105,048	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652
CY2025 Program Incremental Expiring Savings§	0	0	3,691	44,396	0	0	0	0	0	0	0	0	0	0
Historic Program Incremental Expiring Savings	28,813	52,756	78,100	0	0	0	0	0	0	0	0	0	0	0
Program Total Incremental Expiring Savings#	28,813	52,756	81,790	44,396	0	0	0	0	0	0	0	0	0	0

Savings Category	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069
CY2025 Program Total Contribution to CPAS	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	0	0	0	0	0
Historic Program Total Contribution to CPAS‡	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Program Total CPAS	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	60,652	0	0	0	0	0
CY2025 Program Incremental Expiring Savings§	0	0	0	0	0	0	0	0	0	60,652	0	0	0	0
Historic Program Incremental Expiring Savings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Program Total Incremental Expiring Savings#	0	0	0	0	0	0	0	0	0	60,652	0	0	0	0

† 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