



ComEd Midstream/Upstream 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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1 Introduction

This report presents the results of the impact evaluation of the Midstream/Upstream program for the program year from January 1 to December 31, 2025 (CY2025). The program was designed to provide incentives to increase the market share of energy efficient products commonly sold to business customers. The program has two components, Instant Discounts and Commercial Food Service Equipment (CFS). Instant Discounts provides an expedited, simple solution to business customers interested in purchasing high efficiency products by providing instant discounts at the point of sale. CFS works to increase the uptake of energy efficient commercial food service equipment among food service operators through a simplified administrative process, point of sale customer rebates, and upstream incentives.

2 Program Savings Detail

Table 1 summarizes the incremental energy and demand savings the Midstream/Upstream program achieved in CY2025. The electrification savings are those resulting from electrification measures.¹ Table 2 summarizes the savings achieved from income eligible participants, and Table 3 summarizes savings from non-income eligible participants. Together they make up the total shown in Table 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	273,294,334	1.01	275,413,805	0.85	3,678,716	3,818,327	241,386,932
Electric Energy Savings - Converted from Other Fuels§	kWh							
Electric Energy Savings - Indirect from Electrification (electrification baseline)	kWh	20,860,126	1.00	20,826,972	0.84			17,495,420
Electric Energy Savings - Indirect from Electrification (efficiency baseline)	kWh							
Total Electric Energy Savings#	kWh	294,154,460	1.01	296,240,777	0.87	3,678,716	3,818,327	258,882,351
Total Electric Energy Savings Including Carryover#	kWh	294,154,460	1.04	305,047,734	0.82	3,678,716	3,818,327	258,882,351
Summer Peak** Demand Savings	kW	53,577	1.01	54,147	0.85	878	911	48,020
Summer Peak** Demand Savings Including Carryover	kW	53,577	1.05	56,249	0.82	878	911	48,020

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."

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 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

Table 2. Incremental Electric Savings – Income Eligible

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							
Electric Energy Savings - Converted from Other Fuel§	kWh							
Electric Energy Savings - Indirect from Electrification (electrification kWh baseline)	kWh	3,671,382	1.00	3,665,547	1.00			3,665,547
Electric Energy Savings - Indirect from Electrification (efficiency kWh baseline)	kWh							
Total Electric Energy Savings#	kWh	3,671,382	1.00	3,665,547	1.00			3,665,547
Total Electric Energy Savings Including Carryover#	kWh	3,671,382	1.00	3,665,547	1.00			3,665,547
Summer Peak*† Demand Savings	kW							
Summer Peak*† Demand Savings Including Carryover	kW							

Footnotes are defined similarly as found in Table 1.

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/>

Table 3. Total Annual Incremental Electric Savings – Non-Income Eligible

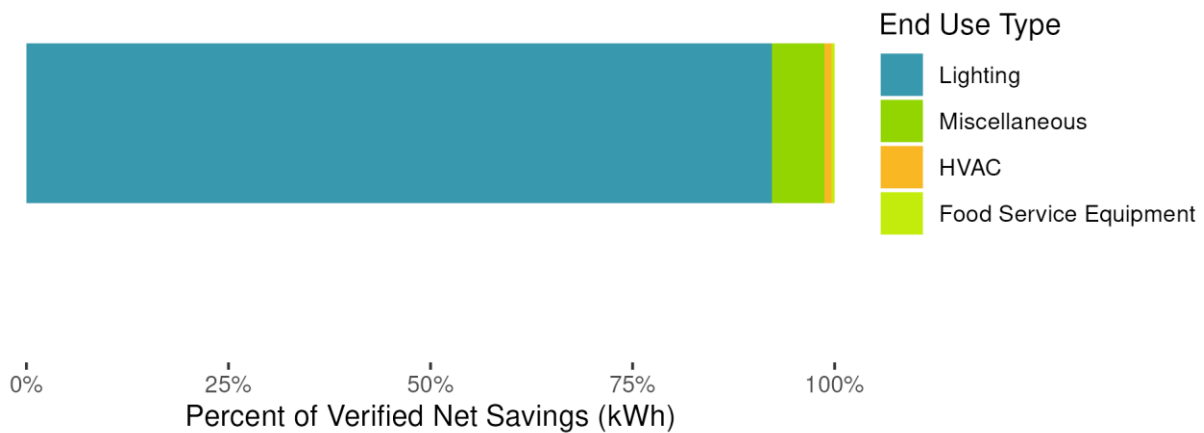
Savings Category	Units	Ex Ante Gross Savings*	Program Gross Realization Rate	Verified Gross Savings*	Program Net-to-Gross Ratio (NTG)	CY2023 Net Carryover Savings	CY2024 Net Carryover Savings	Verified Net Savings†
Electric Energy Savings - Direct‡	kWh	273,294,334	1.01	275,413,805	0.85	3,678,716	3,818,327	241,386,932
Electric Energy Savings - Converted from Other Fuels§	kWh							
Electric Energy Savings - Indirect from Electrification (electrification baseline)	kWh	17,188,744	1.00	17,161,425	0.81			13,829,873
Electric Energy Savings - Indirect from Electrification (efficiency baseline)	kWh							
Total Electric Energy Savings#	kWh	290,483,078	1.01	292,575,230	0.87	3,678,716	3,818,327	255,216,804
Total Electric Energy Savings Including Carryover#	kWh	290,483,078	1.04	301,382,187	0.82	3,678,716	3,818,327	255,216,804
Summer Peak** Demand Savings	kW	53,577	1.01	54,147	0.85	878	911	48,020
Summer Peak** Demand Savings Including Carryover	kW	53,577	1.05	56,249	0.82	878	911	48,020

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

Table 4. CPAS – Electric

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	305,047,734	3,875,277,508										258,882,351	258,882,351	257,243,985
Historic Program Total Contribution to CPAS‡		15,075,267,735	253,222,349	494,589,366	703,682,603	879,422,392	1,056,395,177	1,171,753,506	1,284,595,452	1,147,802,613	993,035,723	928,793,400		
Program Total CPAS	305,047,734	18,950,545,244	253,222,349	494,589,366	703,682,603	879,422,392	1,056,395,177	1,171,753,506	1,284,595,452	1,406,684,964	1,251,918,074	1,186,037,385		
CY2025 Program Incremental Expiring Savings§													0	1,638,366
Historic Program Incremental Expiring Savings													136,792,839	154,766,890
Program Total Incremental Expiring Savings#													136,792,839	154,766,890

Savings Category	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
CY2025 Program Total Contribution to CPAS	257,243,985	257,243,985	255,748,420	255,748,420	255,748,420	255,748,420	255,726,544	255,494,430	255,494,430	254,743,079	254,743,079	248,547,794	37,777,248	65,142
Historic Program Total Contribution to CPAS‡	868,664,956	796,577,484	749,979,461	718,794,121	690,963,763	617,159,745	526,348,748	426,978,710	335,567,676	248,247,044	160,266,220	21,909,603	209,366	169,365
Program Total CPAS	1,125,908,941	1,053,821,469	1,005,727,880	974,542,540	946,712,182	872,908,165	782,075,292	682,473,139	591,062,105	502,990,123	415,009,300	270,457,397	37,986,613	234,507
CY2025 Program Incremental Expiring Savings§	0	0	1,495,565	0	0	0	21,875	232,115	0	751,350	0	6,195,286	210,770,546	37,712,106
Historic Program Incremental Expiring Savings	60,128,444	72,087,472	46,598,023	31,185,340	27,830,358	73,804,017	90,810,997	99,370,039	91,411,034	87,320,632	87,980,824	138,356,617	21,700,237	40,001
Program Total Incremental Expiring Savings#	60,128,444	72,087,472	48,093,588	31,185,340	27,830,358	73,804,017	90,832,872	99,602,153	91,411,034	88,071,982	87,980,824	144,551,903	232,470,783	37,752,107

Savings Category	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
CY2025 Program Total Contribution to CPAS	65,142	65,142	65,142	0	0	0	0	0	0	0	0	0	0	0
Historic Program Total Contribution to CPAS‡	81,396	57,499	0	0	0	0	0	0	0	0	0	0	0	0
Program Total CPAS	146,538	122,641	65,142	0	0	0	0	0	0	0	0	0	0	0
CY2025 Program Incremental Expiring Savings§	0	0	0	65,142	0	0	0	0	0	0	0	0	0	0
Historic Program Incremental Expiring Savings	87,969	23,897	57,499	0	0	0	0	0	0	0	0	0	0	0
Program Total Incremental Expiring Savings#	87,969	23,897	57,499	65,142	0	0	0	0	0	0	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