



# ComEd Contractor/Midstream Rebates 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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**Prepared by:**

**Natasha Herring**  
Guidehouse

**Alan Tom**  
Guidehouse

**Nathalie Nadda**  
Guidehouse

**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](mailto:cmaglione@guidehouse.com)

Jeff Erickson, Director  
608.616.4962  
[jeff.erickson@guidehouse.com](mailto:jeff.erickson@guidehouse.com)

Natasha Herring, Managing Consultant  
303.728.2487  
[naherring@guidehouse.com](mailto:naherring@guidehouse.com)

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# 1 Introduction

This report presents the results of the impact evaluation of the Contractor/Midstream Rebates program for the program year from January 1 to December 31, 2025 (CY2025). The program was designed to offer incentives for the installation of qualifying high efficiency equipment and services including:

- Air Source Heat Pumps (ASHP)
- Ductless Minisplit Heat Pumps (DMSHP)
- Ground Source Heat Pumps (GSHP)
- Smart Thermostats

The midstream incentives are provided to HVAC distributors for ASHP and DMSHP products. The downstream rebates are provided directly to customers for GSHP and Smart Thermostats.

# 2 Program Savings Detail

Table 1 summarizes the incremental energy and demand savings the Contractor/Midstream Rebates program achieved in CY2025.<sup>1</sup> 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		22,217,932	1.00	22,195,606	0.96			21,353,536
Electric Energy Savings - Converted from Other Fuel§ kWh		0		0				0
Electric Energy Savings - Indirect from Electrification (electrification baseline)   kWh		44,039,764	1.00	44,108,991	0.97			42,765,156
Electric Energy Savings - Indirect from Electrification (efficiency baseline)   kWh		0		0				0
Total Electric Energy Savings# kWh		66,257,696	1.00	66,304,598	0.97			64,118,692
Total Electric Energy Savings Including Carryover# kWh		66,257,696	1.00	66,304,598	0.97			64,118,692
Summer Peak** Demand Savings kW		2,749	0.99	2,733	0.96			2,631
Summer Peak** Demand Savings Including Carryover kW		2,749	0.99	2,733	0.96			2,631

<sup>1</sup> 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).<sup>2</sup> 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.<sup>3</sup>

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	0		0				0
Electric Energy Savings - Converted from Other Fuel§	kWh	0		0				0
Electric Energy Savings - Indirect from Electrification (electrification kWh baseline)	kWh	7,750,998	1.00	7,763,182	1.00			7,763,182
Electric Energy Savings - Indirect from Electrification (efficiency baseline)								
Total Electric Energy Savings#	kWh	7,750,998	1.00	7,763,182	1.00			7,763,182
Total Electric Energy Savings Including Carryover#	kWh	7,750,998	1.00	7,763,182	1.00			7,763,182
Summer Peak*† Demand Savings	kW	261	1.00	261	1.00			261
Summer Peak*† Demand Savings Including Carryover	kW	261	1.00	261	1.00			261

Footnotes are defined similarly as found in Table 1.

Source: Evaluation team analysis

<sup>2</sup> 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)

<sup>3</sup> 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		22,217,932	1.00	22,195,606	0.96			21,353,536
Electric Energy Savings - Converted from Other Fuels§	kWh	0		0				0
Electric Energy Savings - Indirect from Electrification (electrification baseline)	kWh	36,288,765	1.00	36,345,809	0.96			35,001,974
Electric Energy Savings - Indirect from Electrification (efficiency baseline)								
Total Electric Energy Savings#	kWh	58,506,698	1.00	58,541,415	0.96			56,355,510
Total Electric Energy Savings Including Carryover#	kWh	58,506,698	1.00	58,541,415	0.96			56,355,510
Summer Peak*†† Demand Savings	kW	2,489	0.99	2,472	0.96			2,371
Summer Peak*†† Demand Savings Including Carryover	kW	2,489	0.99	2,472	0.96			2,371

Footnotes are defined similarly as found in Table 1.

Source: Evaluation team analysis

### 3 Cumulative Persisting Annual Savings

Table 4 shows the electric cumulative persisting annual savings (CPAS) for the measures installed in CY2025. The Contractor/Midstream Rebates program did not have other fuel savings in CY2025.

**Table 4. 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	66,304,598	759,792,651										64,118,692	64,118,692	64,118,692
Historic Program Total Contribution to CPAS‡			18,265,941	38,983,124	51,382,780	62,767,151	77,265,535	119,886,368	189,992,990	188,748,802	186,097,950	186,097,950	185,611,978	
Program Total CPAS	66,304,598	759,792,651	18,265,941	38,983,124	51,382,780	62,767,151	77,265,535	119,886,368	189,992,990	252,867,494	250,216,642	250,216,642	249,730,671	
CY2025 Program Incremental Expiring Savings§												0	0	
Historic Program Incremental Expiring Savings												1,244,188	2,650,852	485,972
Program Total Incremental Expiring Savings#	0	0										1,244,188	2,650,852	485,972

  

Savings Category	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
	CY2025 Program Total Contribution to CPAS	64,118,692	64,118,692	64,118,692	53,533,782	43,494,726	34,592,167	34,592,167	34,592,167	34,592,167	34,592,167	34,592,167	34,592,167	29,972,299
Historic Program Total Contribution to CPAS‡	177,419,330	173,573,683	148,275,758	132,612,490	117,630,798	113,783,896	102,008,338	96,976,191	90,633,208	85,135,281	66,157,847	37,256,013	2,700,118	1,893,938
Program Total CPAS	241,538,022	237,692,376	212,394,450	186,146,271	161,125,524	148,376,064	136,600,506	131,568,358	125,225,375	119,727,449	100,750,015	71,848,180	32,672,416	2,553,329
CY2025 Program Incremental Expiring Savings§	0	0	0	10,584,911	10,039,056	8,902,559	0	0	0	0	0	0	4,619,869	29,312,908
Historic Program Incremental Expiring Savings	8,192,649	3,845,646	25,297,926	15,663,268	14,981,692	3,846,901	11,775,558	5,032,148	6,342,983	5,497,926	18,977,434	28,901,835	34,555,895	806,180
Program Total Incremental Expiring Savings#	8,192,649	3,845,646	25,297,926	26,248,179	25,020,748	12,749,460	11,775,558	5,032,148	6,342,983	5,497,926	18,977,434	28,901,835	39,175,764	30,119,088

  

Savings Category	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
	CY2025 Program Total Contribution to CPAS	659,391	659,391	659,391	659,391	659,391	659,391	659,391	659,391	0	0	0	0	0
Historic Program Total Contribution to CPAS‡	1,793,723	1,516,040	1,349,397	1,149,730	1,009,662	856,314	629,613	0	0	0	0	0	0	0
Program Total CPAS	2,453,114	2,175,431	2,008,787	1,809,121	1,669,053	1,515,705	1,289,004	659,391	0	0	0	0	0	0
CY2025 Program Incremental Expiring Savings§	0	0	0	0	0	0	0	0	659,391	0	0	0	0	0
Historic Program Incremental Expiring Savings	100,215	277,683	166,643	199,667	140,067	153,348	226,701	629,613	0	0	0	0	0	0
Program Total Incremental Expiring Savings#	100,215	277,683	166,643	199,667	140,067	153,348	226,701	629,613	659,391	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