|  |
| --- |
|  |
| ComEd Retail/Online Program Impact Evaluation ReportEnergy Efficiency/Demand Response Plan: Program Year 2024 (CY2024) (1/1/2024-12/31/2024) |
| Prepared for:ComEdDRAFTMarch 12, 2025 |
| Prepared by:  |  |
| Amy BuegeVerdant Associates  | Elizabeth Bullard Verdant Associates | Kathryn Collins Guidehouse |
|  |  | EcoMetric |
|  |  |  |

**Submitted to:**

ComEd

2011 Swift Drive

Oak Brook, IL 60523

**Submitted by:**

Guidehouse Inc.

150 N. Riverside Plaza, Suite 2100

Chicago, IL 60606

**Contact:**

|  |  |  |
| --- | --- | --- |
| Charles Maglione, Partner703.431.1983**cmaglione@guidehouse.com** | Jeff Erickson, Director608.616.4962**jeff.erickson@guidehouse.com** | Natasha Herring, Managing Consultant303.600.3934**Naherring@guidehouse.com** |

This report was prepared by Guidehouse for ComEd. The work presented in this report represents Guidehouse’s professional judgment based on the information available at the time this report was prepared. Use of this report by any other party for whatever purpose should not, and does not, absolve such party from using due diligence in verifying the report’s contents. Neither Guidehouse nor any of its subsidiaries or affiliates assumes any liability or duty of care to such parties, and hereby disclaims any such liability.

Table of Contents

[Introduction 1](#_Toc187399541)

[Program Savings Detail 1](#_Toc187399542)

[Cumulative Persisting Annual Savings 4](#_Toc187399543)

List of Figures

[Figure 1. Verified Net Savings by Measure – Electric 4](#_Toc187399544)

List of Tables

[Table 1. Total Annual Incremental Electric Savings - Total 2](#_Toc187399545)

[Table 2. Incremental Electric Savings – Income Eligible 3](#_Toc187399546)

[Table 3. Total Annual Incremental Electric Savings – Non-Income Eligible 3](#_Toc187399547)

[Table 4. CPAS – Electric 4](#_Toc187399548)

[Table 5. CPAS – Other Fuel (Gas + Propane) 5](#_Toc187399549)

[Table 6. CPAS – Total 5](#_Toc187399550)

# Introduction

This report presents the results of the impact evaluation of the Retail/Online program from the program year from January 1 to December 31, 2024 (CY2024). The program was designed to offer residential customers rebates and instant discounts on select ENERGY STAR-certified appliances, lighting, and other home products. Purchases can be made at any retailer that sells the qualifying ENERGY STAR-certified appliances, including online retailers, such as the ComEd Marketplace. In this program, a portion of the budget is dedicated to income eligible customers by offering higher discounts on select products distributed through participating retailers in targeted geographic areas (e.g., income eligible census tracts), making energy-saving products more affordable for income eligible customers.

The program is offered jointly for Smart Thermostats within the ComEd Marketplace component to customers served by ComEd, Nicor Gas, Peoples Gas, and North Shore Gas. This report presents results for just ComEd. The results for the gas utilities will be in a separate report.

# Program Savings Detail

Table 1 summarizes the incremental energy and demand savings the Retail/Online Program achieved in CY2024. The gas or other fuel savings are only those that ComEd may be able to claim, which excludes savings the gas utilities claim, either via joint or non-joint programs.[[1]](#footnote-2) The electrification savings are those resulting from electrification measures.[[2]](#footnote-3) 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) | CY2022 Net Carryover Savings | CY2023 Net Carryover Savings | Verified Net Savings† |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Electric Energy Savings - Direct‡ | kWh | 364,884,105 | 1.01 | 369,029,887 | 0.96 | 13,052,330 | 260,217 | 356,045,276 |
| Electric Energy Savings - Converted from Other Fuel§ | kWh | 1,185,289,465 | 0.97 | 1,148,817,949 | 0.89 |  |  | 1,019,281,101 |
| Electric Energy Savings - Indirect from Electrification (electrification baseline)|| | kWh | 247,648 | 36.09 | 8,937,165 | 0.99 |  |  | 8,892,467 |
| Electric Energy Savings - Indirect from Electrification (efficiency baseline)|| | kWh |  |  |  |  |  |  |  |
| Total Electric Energy Savings# | kWh | 1,550,421,219 | 0.98 | 1,526,785,001 | 0.91 | 13,052,330 | 260,217 | 1,384,218,844 |
| Total Electric Energy Savings Including Carryover# | kWh | 1,550,421,219 | 1.00 | 1,549,898,176 | 0.89 | 13,052,330 | 260,217 | 1,384,218,844 |
| Summer Peak\*† Demand Savings | kW | 99,086 | 0.25 | 24,848 | 0.95 | 1,667 | 0 | 23,715 |
| Summer Peak\*† Demand Savings Including Carryover | kW | 99,086 | 0.28 | 27,767 | 0.91 | 1,667 | 0 | 25,381 |

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 CY2022 and CY2023.

† The “Verified Net Savings” in row one (Electric Energy Savings - Direct) and row seven (Summer Peak Demand Savings) include net carryover savings from CY2022 and CY2023 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.

§ Gas 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 gas 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).[[3]](#footnote-4) 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-2024. The NTG ratio for eligible business customers in disadvantaged neighborhoods is set to 1.00 as per the “NTG Ratio for Disadvantaged Areas” policy.[[4]](#footnote-5)

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) | CY2022 Net Carryover Savings | CY2023 Net Carryover Savings | Verified Net Savings† |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Electric Energy Savings - Direct‡ | kWh | 201,943,234 | 1.01 | 202,991,071 | 1.01 | 2,254,850 | 260,217 | 205,506,138 |
| Electric Energy Savings - Converted from Other Fuel§ | kWh | 355,949,921 | 0.99 | 351,416,471 | 1.00 |  |  | 351,372,275 |
| Electric Energy Savings - Indirect from Electrification (electrification baseline)|| | kWh | 23,924 | 1.23 | 29,529 | 1.00 |  |  | 29,529 |
| Electric Energy Savings - Indirect from Electrification (efficiency baseline)|| | kWh |  |  |  |  |  |  |  |
| Total Electric Energy Savings# | kWh | 557,917,079 | 0.99 | 554,437,071 | 1.00 | 2,254,850 | 260,217 | 556,679,987 |
| Total Electric Energy Savings Including Carryover# | kWh | 557,917,079 | 1.00 | 557,254,972 | 1.00 | 2,254,850 | 260,217 | 556,679,987 |
| Summer Peak\*† Demand Savings | kW | 32,154 | 0.65 | 20,989 | 1.00 | 287 | 0 | 20,989 |
| Summer Peak\*† Demand Savings Including Carryover | kW | 32,154 | 0.66 | 21,349 | 1.00 | 287 | 0 | 21,275 |

Footnotes are defined similarly as found in Table 1.

Source: Evaluation team analysis

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) | CY2022 Net Carryover Savings | CY2023 Net Carryover Savings | Verified Net Savings† |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Electric Energy Savings - Direct‡ | kWh | 162,940,871 | 1.02 | 166,038,816 | 0.91 | 10,797,480 | 0 | 150,539,139 |
| Electric Energy Savings - Converted from Other Fuel§ | kWh | 829,339,544 | 0.96 | 797,401,479 | 0.84 |  |  | 667,908,826 |
| Electric Energy Savings - Indirect from Electrification (electrification baseline)|| | kWh | 223,725 | 39.82 | 8,907,636 | 0.99 |  |  | 8,862,937 |
| Electric Energy Savings - Indirect from Electrification (efficiency baseline)|| | kWh |  |  |  |  |  |  |  |
| Total Electric Energy Savings# | kWh | 992,504,140 | 0.98 | 972,347,930 | 0.85 | 10,797,480 | 0 | 827,538,857 |
| Total Electric Energy Savings Including Carryover# | kWh | 992,504,140 | 1.00 | 992,643,204 | 0.83 | 10,797,480 | 0 | 827,538,857 |
| Summer Peak\*† Demand Savings | kW | 66,932 | 0.06 | 3,859 | 0.71 | 1,380 | 0 | 2,726 |
| Summer Peak\*† Demand Savings Including Carryover | kW | 66,932 | 0.10 | 6,418 | 0.64 | 1,380 | 0 | 4,106 |

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

Figure 1. Verified Net Savings by Measure – Electric



Source: Evaluation team analysis

#

# Cumulative Persisting Annual Savings

Table 4 to Table 6 show the cumulative persisting annual savings (CPAS) for the measures installed in CY2024. The electric CPAS across all measures installed in CY2024 is shown in Table 4. The gas and other fuel contribution to CPAS (converted to equivalent electricity) are shown in Table 5. The combined savings are shown in Table 6.

Table 4. CPAS – Electric

|  | CPAS Verified Net kWh Savings |  |
| --- | --- | --- |
| Savings Category | Verified Gross Savings (kWh) | Lifetime Net Savings (kWh)† | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 |
| CY2024 Program Total Contribution to CPAS | 401,080,227 | 5,159,977,226 |  |  |  |  |  |  | 364,937,743 | 364,936,026 | 364,936,026 | 364,936,026 |
| Historic Program Total Contribution to CPAS‡ |  | 13,436,343,664 | 382,319,670 | 656,815,817 | 942,574,802 | 1,018,494,418 | 1,236,801,274 | 1,423,724,027 | 1,240,016,035 | 1,127,874,924 | 1,038,958,378 | 972,123,367 |
| Program Total CPAS |  | 12,935,590,882 | 382,319,670 | 656,815,817 | 942,574,802 | 1,018,494,418 | 1,236,801,274 | 1,423,724,027 | 1,604,953,778 | 1,492,810,949 | 1,403,894,404 | 1,337,059,393 |
| CY2024 Program Incremental Expiring Savings§ |  | 364,937,743 |  |  |  |  |  |  |  | 1,717 | 0 | 0 |
| Historic Program Incremental Expiring Savings|| |  | 1,423,724,027 |  |  |  |  |  |  | 183,707,992 | 112,141,112 | 88,916,545 | 66,835,011 |
| Program Total Incremental Expiring Savings# |  | 1,788,661,770 |  |  |  |  |  |  | 183,707,992 | 112,142,829 | 88,916,545 | 66,835,011 |

| Savings Category | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CY2024 Program Total Contribution to CPAS | 358,674,413 | 358,674,413 | 358,674,413 | 347,728,072 | 218,458,386 | 206,942,207 | 203,946,388 | 193,464,649 | 191,211,230 | 191,211,230 | 185,277,481 | 185,007,734 | 175,247,895 | 175,247,895 |
| Historic Program Total Contribution to CPAS‡ | 773,968,831 | 703,702,326 | 558,364,774 | 353,888,312 | 243,273,538 | 166,838,322 | 137,782,024 | 99,626,321 | 65,124,830 | 52,552,607 | 49,930,651 | 48,738,088 | 48,636,108 | 48,178,434 |
| Program Total CPAS | 1,132,643,244 | 1,062,376,739 | 917,039,187 | 701,616,384 | 461,731,924 | 373,780,529 | 341,728,412 | 293,090,971 | 256,336,060 | 243,763,838 | 235,208,131 | 233,745,822 | 223,884,003 | 223,426,329 |
| CY2024 Program Incremental Expiring Savings§ | 6,261,613 | 0 | 0 | 10,946,341 | 129,269,686 | 11,516,179 | 2,995,819 | 10,481,739 | 2,253,419 | 0 | 5,933,750 | 269,747 | 9,759,838 | 0 |
| Historic Program Incremental Expiring Savings|| | 198,154,536 | 70,266,505 | 145,337,552 | 204,476,462 | 110,614,774 | 76,435,216 | 29,056,298 | 38,155,703 | 34,501,492 | 12,572,222 | 2,621,957 | 1,192,562 | 101,980 | 457,674 |
| Program Total Incremental Expiring Savings# | 204,416,149 | 70,266,505 | 145,337,552 | 215,422,804 | 239,884,460 | 87,951,395 | 32,052,117 | 48,637,442 | 36,754,910 | 12,572,222 | 8,555,706 | 1,462,310 | 9,861,819 | 457,674 |

| Savings Category | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CY2024 Program Total Contribution to CPAS | 175,247,895 | 175,217,103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Historic Program Total Contribution to CPAS‡ | 46,035,264 | 523 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Program Total CPAS | 221,283,159 | 175,217,626 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CY2024 Program Incremental Expiring Savings§ | 0 | 30,792 | 175,217,103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Historic Program Incremental Expiring Savings|| | 2,143,170 | 46,034,741 | 523 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Program Total Incremental Expiring Savings# | 2,143,170 | 46,065,533 | 175,217,626 | 0 | 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

Table 5. CPAS – Other Fuel (Gas + Propane)

|  | CPAS Verified Net Therms Savings |  |
| --- | --- | --- |
| Savings Category | Verified Gross Savings (Therms) | Lifetime Net Savings† | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 |
| CY2024 Program Total Other Fuel Contribution to CPAS (Therms) | 39,195,426 | 669,240,405 |  |  |  |  |  |  | 34,775,882 | 34,775,576 | 34,775,576 | 34,775,576 |
| CY2024 Program Total Other Fuel Contribution to CPAS (kWh Equivalent)‡ | 1,148,817,949 | 19,615,436,281 |  |  |  |  |  |  | 1,019,281,101 | 1,019,272,120 | 1,019,272,120 | 1,019,272,120 |
| Historic Program Total Other Fuel Contribution to CPAS (kWh Equivalent)§ |  | 11,785,850,573 | 60,598,906 | 176,247,714 | 273,018,371 | 439,388,860 | 555,465,875 | 858,896,056 | 858,896,056 | 858,896,056 | 858,896,056 | 858,896,056 |
| Program Total Other Fuel CPAS (kWh Equivalent) |  | 31,401,286,854 | 60,598,906 | 176,247,714 | 273,018,371 | 439,388,860 | 555,465,875 | 858,896,056 | 1,878,177,157 | 1,878,168,176 | 1,878,168,176 | 1,878,168,176 |
| CY2024 Program Incremental Expiring Other Fuel Savings (Therms) |  | 34,775,882 |  |  |  |  |  |  |  | 306 | 0 | 0 |
| CY2024 Program Incremental Expiring Other Fuel Savings (kWh Equivalent)|| |  | 1,019,281,101 |  |  |  |  |  |  |  | 8,981 | 0 | 0 |
| Historic Program Incremental Expiring Other Fuel Savings (kWh Equivalent)# |  | 858,896,056 |  |  |  |  |  |  | 0 | 0 | 0 | 0 |
| Program Total Incremental Expiring Other Fuel Savings (kWh Equivalent)\*† |  | 1,878,177,157 |  |  |  |  |  |  | 0 | 8,981 | 0 | 0 |

| Savings Category | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CY2024 Program Total Other Fuel Contribution to CPAS (Therms) | 34,775,576 | 34,775,576 | 34,775,576 | 34,775,576 | 34,775,576 | 34,775,576 | 34,244,421 | 31,935,457 | 31,935,457 | 31,935,457 | 31,905,592 | 31,905,592 | 31,905,592 | 31,905,592 |
| CY2024 Program Total Other Fuel Contribution to CPAS (kWh Equivalent)‡ | 1,019,272,120 | 1,019,272,120 | 1,019,272,120 | 1,019,272,120 | 1,019,272,120 | 1,019,272,120 | 1,003,703,971 | 936,028,258 | 936,028,258 | 936,028,258 | 935,152,892 | 935,152,892 | 935,152,892 | 935,152,892 |
| Historic Program Total Other Fuel Contribution to CPAS (kWh Equivalent)§ | 800,477,517 | 800,477,517 | 686,678,017 | 591,997,551 | 425,850,607 | 313,016,047 | 268,320,891 | 265,916,978 | 264,928,368 | 263,855,735 | 263,860,122 | 263,854,431 | 263,854,431 | 263,854,431 |
| Program Total Other Fuel CPAS (kWh Equivalent) | 1,819,749,637 | 1,819,749,637 | 1,705,950,137 | 1,611,269,671 | 1,445,122,727 | 1,332,288,168 | 1,272,024,861 | 1,201,945,236 | 1,200,956,627 | 1,199,883,993 | 1,199,013,014 | 1,199,007,323 | 1,199,007,323 | 1,199,007,323 |
| CY2024 Program Incremental Expiring Other Fuel Savings (Therms) | 0 | 0 | 0 | 0 | 0 | 0 | 531,155 | 2,308,963 | 0 | 0 | 29,866 | 0 | 0 | 0 |
| CY2024 Program Incremental Expiring Other Fuel Savings (kWh Equivalent)|| | 0 | 0 | 0 | 0 | 0 | 0 | 15,568,150 | 67,675,712 | 0 | 0 | 875,366 | 0 | 0 | 0 |
| Historic Program Incremental Expiring Other Fuel Savings (kWh Equivalent)# | 58,418,539 | 0 | 113,799,500 | 94,680,467 | 166,146,943 | 112,834,560 | 44,695,157 | 2,403,913 | 988,610 | 1,072,633 | -4,387 | 5,691 | 0 | 0 |
| Program Total Incremental Expiring Other Fuel Savings (kWh Equivalent)\*† | 58,418,539 | 0 | 113,799,500 | 94,680,467 | 166,146,943 | 112,834,560 | 60,263,306 | 70,079,625 | 988,610 | 1,072,633 | 870,979 | 5,691 | 0 | 0 |

| Savings Category | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CY2024 Program Total Other Fuel Contribution to CPAS (Therms) | 31,905,592 | 31,905,592 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CY2024 Program Total Other Fuel Contribution to CPAS (kWh Equivalent)‡ | 935,152,892 | 935,152,892 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Historic Program Total Other Fuel Contribution to CPAS (kWh Equivalent)§ | 249,707,924 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Program Total Other Fuel CPAS (kWh Equivalent) | 1,184,860,816 | 935,152,892 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CY2024 Program Incremental Expiring Other Fuel Savings (Therms) | 0 | 0 | 31,905,592 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CY2024 Program Incremental Expiring Other Fuel Savings (kWh Equivalent)|| | 0 | 0 | 935,152,892 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Historic Program Incremental Expiring Other Fuel Savings (kWh Equivalent)# | 14,146,507 | 249,707,924 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Program Total Incremental Expiring Other Fuel Savings (kWh Equivalent)\*† | 14,146,507 | 249,707,924 | 935,152,892 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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

‡ Fossil fuel savings (from natural gas, propane, etc.) are reported in therms. kWh equivalent savings are calculated by multiplying therms savings by 29.31.

§ 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

Table 6. CPAS – Total

|  | CPAS Verified Net kWh Savings |  |
| --- | --- | --- |
| Savings Category | Verified Gross Savings (kWh) | Lifetime Net Savings (kWh)† | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 |
| CY2024 Program Total Contribution to CPAS | 1,549,898,176 | 24,775,413,507 |  |  |  |  |  |  | 1,384,218,844 | 1,384,208,146 | 1,384,208,146 | 1,384,208,146 |
| Historic Program Total Contribution to CPAS‡ |  | 25,222,194,237 | 443,124,067 | 833,269,023 | 1,215,798,665 | 1,457,883,279 | 1,792,267,091 | 2,282,620,025 | 2,098,902,476 | 1,986,761,366 | 1,897,844,820 | 1,831,018,922 |
| Program Total CPAS |  | 49,997,607,744 | 443,124,067 | 833,269,023 | 1,215,798,665 | 1,457,883,279 | 1,792,267,091 | 2,282,620,025 | 3,483,121,320 | 3,370,969,512 | 3,282,052,966 | 3,215,227,067 |
| CY2024 Program Incremental Expiring Savings§ |  | 1,384,218,844 |  |  |  |  |  |  |  | 10,698 | 0 | 0 |
| Historic Program Incremental Expiring Savings|| |  | 2,282,620,025 |  |  |  |  |  |  | 183,717,549 | 112,141,110 | 88,916,545 | 66,825,899 |
| Program Total Incremental Expiring Savings# |  | 3,666,838,869 |  |  |  |  |  |  | 183,717,549 | 112,151,809 | 88,916,545 | 66,825,899 |

| Savings Category | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CY2024 Program Total Contribution to CPAS | 1,377,946,533 | 1,377,946,533 | 1,377,946,533 | 1,367,000,192 | 1,237,730,506 | 1,226,214,327 | 1,207,650,359 | 1,129,492,908 | 1,127,239,489 | 1,127,239,489 | 1,120,430,373 | 1,120,160,626 | 1,110,400,787 | 1,110,400,787 |
| Historic Program Total Contribution to CPAS‡ | 1,574,445,877 | 1,504,178,185 | 1,245,040,349 | 945,883,447 | 669,076,661 | 479,808,115 | 406,036,737 | 365,396,939 | 329,906,838 | 316,281,905 | 313,790,773 | 312,592,519 | 312,490,220 | 312,032,546 |
| Program Total CPAS | 2,952,392,410 | 2,882,124,719 | 2,622,986,883 | 2,312,883,639 | 1,906,807,168 | 1,706,022,442 | 1,613,687,096 | 1,494,889,846 | 1,457,146,326 | 1,443,521,393 | 1,434,221,146 | 1,432,753,145 | 1,422,891,008 | 1,422,433,334 |
| CY2024 Program Incremental Expiring Savings§ | 6,261,613 | 0 | 0 | 10,946,341 | 129,269,686 | 11,516,179 | 18,563,968 | 78,157,451 | 2,253,419 | 0 | 6,809,116 | 269,747 | 9,759,838 | 0 |
| Historic Program Incremental Expiring Savings|| | 256,573,045 | 70,267,691 | 259,137,836 | 299,156,902 | 276,806,786 | 189,268,547 | 73,771,377 | 40,639,799 | 35,490,101 | 13,624,933 | 2,491,132 | 1,198,254 | 102,299 | 457,674 |
| Program Total Incremental Expiring Savings# | 262,834,657 | 70,267,691 | 259,137,836 | 310,103,243 | 406,076,472 | 200,784,726 | 92,335,345 | 118,797,250 | 37,743,520 | 13,624,933 | 9,300,248 | 1,468,001 | 9,862,137 | 457,674 |

| Savings Category | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CY2024 Program Total Contribution to CPAS | 1,110,400,787 | 1,110,369,996 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Historic Program Total Contribution to CPAS‡ | 295,742,869 | 523 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Program Total CPAS | 1,406,143,657 | 1,110,370,518 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CY2024 Program Incremental Expiring Savings§ | 0 | 30,792 | 1,110,369,996 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Historic Program Incremental Expiring Savings|| | 16,289,677 | 295,742,347 | 523 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Program Total Incremental Expiring Savings# | 16,289,677 | 295,773,139 | 1,110,370,518 | 0 | 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

1. The evaluation will determine which other fuel savings will be counted towards goal while producing the portfolio-wide Summary Report. According to Section 8-103B(b-25) of the Illinois Public Utilities Act, “In no event shall more than 10% of each year's applicable annual total savings requirement as defined in paragraph (7.5) of subsection (g) of this Section be met through savings of fuels other than electricity.” [↑](#footnote-ref-2)
2. 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." [↑](#footnote-ref-3)
3. ComEd Electrification Policy Resolutions for 2024 Final Draft. “…the ComEd Energy Efficiency portfolio will use the Electric Point of Sale baseline set by the TRM, without applying the additional electrification ratios, to claim Energy Efficiency savings from heat-pump projects through midstream programs once either of the electrification caps has been reached.” [↑](#footnote-ref-4)
4. Illinois Energy Efficiency Policy Manual Version 3.0, Section 7.4, available at https://www.ilsag.info/policy/ [↑](#footnote-ref-5)