# ComEd CY2022-CY2025 Summary Impact Evaluation Report

Energy Efficiency and Demand Response Plan

Program Years 2022-2025 (CY2022-CY2025)

(01/01/2022-12/31/2025)

**Prepared for:**

**ComEd**

**FINAL**

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# 1 Introduction

This report presents the results of the impact evaluation of ComEd's Revised 2022-2025 Energy Efficiency and Demand Response Plan ("Revised Plan" or "Revised Plan 6")[1] slate of energy efficiency programs offered under the Energy Efficiency Portfolio Standard (EEPS) umbrella. It presents a summary of the energy and demand impacts on the portfolio and each program and some details on cost effectiveness. The report fulfills the Illinois Public Utilities Act (PUA) requirement for a review of the 4-year results of the broader net program impacts for Calendar Year 2022 (CY2022) starting on January 1, 2022, through program Calendar Year 2025 (CY2025) which ended on December 31, 2025.

In Revised Plan 6, ComEd implemented 27 programs. Table 1-1 outlines the programs that ComEd implemented each year of Revised Plan 6, including the six programs that ComEd implemented jointly or coordinated with Nicor Gas Company, Peoples Gas Light and Coke Company ("PGL") and North Shore Gas Company ("NSG"). The list contains nine programs in the Business and Public Sector, ten programs in the Residential and Income Eligible Sector (Res/IE), six Pilot programs, one cross-cutting program (Voltage Optimization) and one Market Transformation program (ENERGY STAR Retail Products Platform).

This report is a summary of the 4-year energy and demand savings from programs that ComEd was eligible to claim toward their goals for which final impact evaluation reports have been submitted to ComEd and the Illinois Commerce Commission (ICC). This included 20 CY2022 programs, 19 CY2023 programs, 18 CY2024 programs, and 20 CY2025 programs. The savings included:

- Savings from efficient measures, including direct efficiency kWh savings from non-electrification and electrification measures,
- Net electrification savings from an increase in kWh consumption and decrease in gas consumption from electrification (kWh equivalent)
- Reduction in water usage that produces secondary kWh savings from water supply and wastewater treatment,
- Gas savings in therms converted to kWh,
- Electric heating penalties that have been applied against the total kWh savings,
- Purchased kWh savings from Nicor Gas' Air Sealing and Insulation (ASI) offering.

Five programs had savings from measures that were sold in one program year but installed in a subsequent year, referred to as carryover savings. The programs are Midstream/Upstream, Small Business, Retail/Online, Product Distribution, and Single Family Upgrades.

[1] The 4-year energy efficiency and demand response plan filings required by Section 8-103 of Illinois Public Utilities Act ("Act"), Clean Energy Jobs Act (CEJA) Statute: 220 ILCS 5/8-103B generally referred to herein as "Revised Plan" or "Revised Plan 6".

**Table 1-1: ComEd CY2022-CY2025 Energy Efficiency Programs**

| Sector | CY2022 | CY2023 | CY2024 | CY2025 | Joint or Coordinated with Gas Utility |
|---|---|---|---|---|---|
| Cross-Cutting | Voltage Optimization | Voltage Optimization | Voltage Optimization | Voltage Optimization | |
| Business & Public Sector | | | | | |
| Business & Public Sector | Assessments | Assessments | | | |
| Business & Public Sector | Behavior - Business/Public | Behavior - Business/Public | Behavior Bus/Pub | Behavior Bus/Pub | |
| Business & Public Sector | Incentives | Incentives | Incentives | Incentives | |
| Business & Public Sector | Midstream/Upstream | Midstream/Upstream | Midstream/Upstream | Midstream/Upstream | Nicor Gas & PGL/NSG |
| Business & Public Sector | New Construction - Business/Public | New Construction - Business/Public | New Construction - Bus/Pub | New Construction - Bus/Pub | Nicor Gas & PGL/NSG |
| Business & Public Sector | Small Business | Small Business | Small Business | Small Business | |
| Business & Public Sector | Targeted Systems | Targeted Systems | Targeted Systems | Targeted Systems | Nicor Gas & PGL/NSG |
| Business & Public Sector | | | EMS - Small Business - Pilot | | |
| Business & Public Sector | | | | Business Energy Analyzer | |
| Residential (Res) & Income Eligible (IE) | | | | | |
| Res & IE | Behavior-Residential/IE | Behavior-Residential/IE | Behavior - Res/IE | Behavior - Res/IE | |
| Res & IE | Contractor/Midstream Rebates | Contractor/Midstream Rebates | Contractor/Midstream Rebates | Contractor/Midstream Rebates | |
| Res & IE | Multifamily Upgrades | Multifamily Upgrades | Multifamily Upgrades | Multifamily Upgrades | Nicor Gas & PGL/NSG |
| Res & IE | Electric Homes New Construction | Electric Homes New Construction | Electric Homes New Construction | Electric Homes New Construction | |
| Res & IE | New Construction IE | New Construction IE | New Construction - IE | New Construction – IE | Nicor Gas & PGL/NSG |
| Res & IE | Product Distribution | Product Distribution | Product Distribution | Product Distribution | |
| Res & IE | Retail/Online | Retail/Online | Retail/Online | Retail/Online | |
| Res & IE | Single Family Upgrades | Single Family Upgrades | Single Family Upgrades | Single Family Upgrades | Nicor Gas & PGL/NSG |
| Res & IE | | | ASI kWh Savings | ASI kWh Savings | Nicor Gas |
| Res & IE | | | Whole Home Electric | Whole Home Electric | |
| Pilot | | | | | |
| Pilot | Upstream Commercial Food Service Equipment | | | | |
| Pilot | Heat Pump Water Heater Pilot | Heat Pump Water Heater Pilot | | | |
| Pilot | Variable Speed Heat Pump (VSHP) as AC Replacement | | | | |
| Pilot | | Industrial Energy Management Information Systems | | | |
| Pilot | | | | Automated System Optimization | |
| Pilot | | | | Virtual Energy Coach | |
| Market Transformation | | | | | |
| Market Transformation | ENERGY STAR Retail Products Platform | ENERGY STAR Retail Products Platform | | | |

*Notes: Table contains only programs where Guidehouse submitted impact reports to ComEd. The design of ComEd's programs evolved over Revised Plan 6, reflected in changes in program names in some rows of the table. The ASI kWh Purchase is not included here as a program, but the savings are counted in the subsequent sections as part of the Residential/Income Eligible sector kWh savings.*
*Source: ComEd tracking data and Guidehouse evaluation reports.*

# 2 Portfolio Savings

The evaluation calculated incremental annual savings presented in Section 2.1, and cumulative persisting annual savings (CPAS) presented in Section 2.2 below.

## 2.1 Annual Savings

Table 2-1 and Table 2-2 summarize the incremental energy savings the ComEd portfolio achieved in CY2022-CY2025. Electrification savings are capped at 5% per year of the applicable annual total savings (AATS), according to 220 ILCS 5/8-103B(b-27) of the Illinois Public Utilities Act. The electrification savings are in addition to the 10% cap of AATS that ComEd can claim from non-electricity energy savings (including gas savings converted to electricity) allowed under Section 8-103B(b-25). The Illinois Stakeholder Advisory Group (SAG) policy[2] allows ComEd to convert electrification savings not counted towards their energy efficient electrification goal to an efficiency baseline and claim them as non-electrification savings if 25% IE electrification threshold is not met and/or total electrification savings exceed 5% AATS threshold. Table 2-2 includes primary kWh savings from efficient measures, legacy savings, and electrification savings. The table presents the applicable annual incremental goal (AAIG) achieved in CY2022-CY2025. The terms and calculation approaches in Table 2-2 are defined in Section 2.2.

**Table 2-1: Total Annual Savings Achieved vs Counted: CY2022-CY2025**

| | CY2022 | | CY2023 | | CY2024 | | CY2025 | |
|---|---|---|---|---|---|---|---|---|
| Savings Category | Total Achieved (kWh) | Total Counted (kWh) | Total Achieved (kWh) | Total Counted (kWh) | Total Achieved (kWh) | Total Counted (kWh) | Total Achieved (kWh) | Total Counted (kWh) |
| **Parameters** | | | | | | | | |
| Applicable Annual Total Savings (AATS) | 1,453,961,743 | | 1,546,850,336 | | 1,834,721,180 | | 1,836,223,915 | |
| Maximum EEE savings at 5% of AATS | 72,698,087 | | 77,342,517 | | 91,736,059 | | 91,811,196 | |
| Maximum Energy Savings from Other Fuels at 10% of AATS | 145,396,174 | | 154,685,034 | | 183,472,118 | | 183,622,392 | |
| **Electrification Savings** | | | | | | | | |
| kWh from IE | 4,283,975 | 4,283,975 | 15,236,039 | 15,236,039 | 17,937,076 | 17,937,076 | 28,688,059 | 28,688,059 |
| kWh from Non IE | 8,122,354 | 8,122,354 | 24,686,362 | 24,686,362 | 64,294,611 | 53,811,228 | 50,464,799 | 50,464,799 |
| Total | 12,406,329 | 12,406,329 | 39,922,402 | 39,922,402 | 82,231,687 | 71,748,304 | 79,152,858 | 79,152,858 |
| Total = Minimum of Achieved or 5% of AATS | 12,406,329 | 12,406,329 | 39,922,402 | 39,922,402 | 82,231,687 | 71,748,304 | 79,152,858 | 79,152,858 |
| Electrification Savings to Convert or Converted to Efficiency Baseline Savings* | 0 | 0 | 0 | 0 | 10,483,384 | 5,074,835 | 0 | 0 |
| **Other Fuel Savings** | | | | | | | | |
| Energy Savings - From Other Fuels in kWh - capped at 10% of AATS | 294,861,028 | 145,396,174 | 428,886,515 | 154,685,034 | 1,173,466,288 | 183,472,118 | 1,021,603,793 | 183,622,391 |
| **Total Savings** | | | | | | | | |
| Energy Savings - Direct Electric† | 1,565,939,616 | 1,565,939,616 | 1,406,752,002 | 1,406,752,002 | 1,647,998,300 | 1,653,073,134 | 1,629,910,845 | 1,629,910,845 |
| Energy Savings - From Other Fuels in kWh | 294,861,028 | 145,396,174 | 428,886,515 | 154,685,034 | 1,173,466,288 | 183,472,118 | 1,021,603,793 | 183,622,391 |
| Energy Savings - Electrification | 12,406,329 | 12,406,329 | 39,922,402 | 39,922,402 | 82,231,687 | 71,748,304 | 79,152,858 | 79,152,858 |
| Total Verified Net Savings | 1,873,206,973 | 1,723,742,119 | 1,875,560,918 | 1,601,359,437 | 2,903,696,275 | 1,908,293,556 | 2,730,667,496 | 1,892,686,094 |

** In CY2024 the portfolio did not meet electrification savings from IE and did not exceed the 5% cap. Therefore, the evaluation team had 10,483,384 kWh savings converted to 5,074,835 kWh efficiency baseline savings and included that in the Electric Energy Savings – Direct counted. In CY2025, the portfolio exceeded 25% electrification savings from IE and did not exceed the 5% cap from electrification. The evaluation team counted all electrification savings achieved towards ComEd goal, with no electrification savings converted to efficiency baseline savings.*
*† Electric Energy Savings - Direct includes primary kWh savings from efficient measures (includes efficiency savings from electrification measures but excludes the electrification savings), secondary kWh savings from wastewater treatment, and electric heating penalties.*
*Source: Guidehouse CY2024 and CY2025 Impact Evaluation Reports.*

[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)

**Table 2-2: Total Annual Savings Towards Goal**

| Key | Savings Category | CY2022 Energy Savings (kWh) | CY2023 Energy Savings (kWh) | CY2024 Energy Savings (kWh) | CY2025 Energy Savings (kWh) | Total (kWh) |
|---|---|---|---|---|---|---|
| A | Ex Ante Gross Savings - Direct | 1,581,972,681 | 1,338,737,317 | 1,625,630,449 | 1,719,670,631 | 6,266,011,078 |
| B | Portfolio Gross Realization Rate | 1.08 | 1.07 | 1.03 | 1.00 | 1.04 |
| C | Verified Gross Savings - Direct† | 1,700,832,365 | 1,427,837,880 | 1,682,455,902 | 1,716,408,531 | 6,527,534,679 |
| D | Portfolio Net-to-Gross Ratio (NTG) | 0.92 | 0.99 | 0.98 | 0.95 | 0.96 |
| E | Verified Net Savings (excl. Electrification Savings) | 1,565,939,616 | 1,406,752,002 | 1,653,073,134 | 1,629,910,845 | 6,255,675,598 |
| F | Verified Net Savings (incl. Electrification Savings) | 1,578,345,946 | 1,446,674,404 | 1,724,821,438 | 1,709,063,703 | 6,458,905,491 |
| G | Verified IE Net Savings (excl. Electrification Savings) | 259,260,808 | 462,947,229 | 525,705,691 | 624,119,366 | 1,872,033,094 |
| H | Verified IE Net Savings (incl. Electrification Savings) | 263,544,784 | 478,183,268 | 543,642,767 | 652,807,425 | 1,938,178,244 |
| I | ASI kWh Purchase | | 791,055 | 770,527 | 979,403 | 2,540,985 |
| J | Legacy Savings‡ | 2,933,997,266 | 2,573,016,371 | 2,324,014,787 | 2,075,013,202 | 9,906,041,626 |
| K | Other Fuel Savings Achieved (Therms) | 10,060,083 | 14,632,771 | 40,036,380 | 34,855,128 | 99,584,361 |
| L | Other Fuel Savings Counted Toward Goal (Therms) | 4,960,634 | 5,277,551 | 6,259,711 | 6,264,838 | 22,762,734 |
| M | Other Fuel Savings Counted Toward Goal (kWh)§ | 145,396,174 | 154,685,034 | 183,472,118 | 183,622,391 | 667,175,717 |
| N | Electrification Savings Achieved | 12,406,329 | 39,922,402 | 82,231,688 | 79,152,858 | 213,713,276 |
| O | Electrification Savings Counted Toward Goal \| \| | 12,406,329 | 39,922,402 | 71,748,304 | 79,152,858 | 203,229,892 |
| P | Total Net Savings (Electric-Direct + Gas Savings Counted + Electrification Savings Counted) | 1,723,742,120 | 1,601,359,437 | 1,908,293,556 | 1,892,686,094 | 7,126,081,209 |
| Q | Historic Portfolio Total Savings (Electric + Gas Savings Counted + Electrification)# | 6,359,514,308 | 7,867,930,408 | 8,962,577,115 | 10,362,655,206 | 33,552,677,037 |
| R | Grand Total Net Savings (Plus Legacy, Total Net Savings, Historic Savings) | 11,017,253,694 | 12,042,306,217 | 13,194,885,458 | 14,330,354,502 | 50,584,799,871 |
| S | Historic Incremental Expiring Savings*† | 154,158,999 | 215,326,019 | 506,712,731 | 508,215,465 | 1,384,413,214 |
| T | Legacy Incremental Expiring Savings | 210,032,331 | 360,980,895 | 249,001,584 | 249,001,584 | 1,069,016,394 |
| U | CPAS Statutory Goal†‡ | 10,981,532,624 | 11,952,076,046 | 13,031,082,911 | 14,110,089,776 | 50,074,781,357 |
| V | CPAS Achieved as Percent of Goal | 1.00 | 1.01 | 1.01 | 1.02 | 1.01 |
| W | Applicable Annual Incremental Goal (AAIG)†§ | 1,089,770,413 | 970,543,422 | 1,079,006,865 | 1,079,006,865 | 4,218,327,565 |
| X | Applicable Annual Total Savings (AAIG + Legacy Expiring + Historic Expiring Savings)‡§ | 1,453,961,743 | 1,546,850,336 | 1,834,721,180 | 1,836,223,914 | 6,671,757,173 |
| Y | Applicable Annual Incremental Savings Achieved‡\| \| | 1,359,550,790 | 1,025,052,523 | 1,152,579,241 | 1,135,469,045 | 4,672,651,599 |
| Z | AAIG Achieved as Percent of Goal | 1.25 | 1.06 | 1.07 | 1.05 | 1.11 |

*Notes: The totals in this table may vary slightly from the totals in other tables and the totals summed across the individual program reports due to rounding error.*
*Carryover: Verified gross savings include carryover savings.*
*Portfolio NTG Ratio: Guidehouse calculated the portfolio NTG ratio by dividing the total net savings by the total verified gross savings. However, some programs do not report ex ante gross savings and only report net savings (e.g., the Behavior – Res/IE program). Where the evaluation approach also produces net savings as its primary output, we did not calculate verified gross savings.*
*† Electric Energy Savings - Direct includes primary kWh savings from efficient measures (includes efficiency savings from electrification measures but excludes the electrification savings), secondary kWh savings from wastewater treatment, and electric heating penalties.*
*‡ Legacy Savings are estimated by multiplying statutory the program year CPAS Legacy Savings percent by ComEd Baseline - 2014-2016 Average Annual Sales Less Exempt Customers MWh value of 83,000,528.*
*§ Gas savings are converted to kWh by multiplying therms by 29.31 (which is based on 100,000 Btu/therm and 3,412 Btu/kWh).*
*| | Electrification savings from electrification measures excluding direct efficiency savings. Calculated from net electric savings from increase in kWh consumption and decrease in gas consumption from electrification (kWh equivalent).*
*# Historical savings go back to CY2018.*
**† Incremental expiring savings are equal to CPAS Yn-1 - CPAS Yn.*
*†‡ Estimated by multiplying statutory program year CPAS Goal percent by ComEd Baseline - 2014-2016 Average Annual Sales Less Exempt Customers MWh value of 83,000,528.*
*†§ Applicable Annual Incremental Goal (AAIG) is equal to CPAS Yn Goal - CPAS Yn-1 Goal*
*‡§ Applicable Annual Total Savings (AATS) is the savings needed to achieve 100% AAIG (it is sum of AAIG, Legacy Expiring Savings and Historic Expiring Savings).*
*‡| | Estimated as new incremental savings from program year after offsetting incremental expiring savings in year.*
*Source: ComEd tracking data and evaluation team analysis*

Table 2-3 summarizes the incremental peak demand savings the ComEd portfolio achieved in CY2022-CY2025.

**Table 2-3: Total Annual Peak Demand Savings Towards Goal**

| Savings Category | CY2022 Peak Demand Savings (kW) | CY2023 Peak Demand Savings (kW) | CY2024 Peak Demand Savings (kW) | CY2025 Peak Demand Savings (kW) | Total (kW) |
|---|---|---|---|---|---|
| Ex Ante Gross Savings | 219,604 | 274,540 | 298,270 | 221,464 | 1,013,878 |
| Portfolio Gross Realization Rate | 1.24 | 0.78 | 0.79 | 1.10 | 0.95 |
| Verified Gross Savings | 271,736 | 215,209 | 235,243 | 243,322 | 965,510 |
| Portfolio Net-to-Gross Ratio (NTG) | 0.93 | 0.99 | 1.01 | 0.95 | 0.97 |
| Verified Net Savings | 254,027 | 214,101 | 236,573 | 230,412 | 935,113 |
| Verified IE Net Savings | 33,588 | 55,939 | 62,383 | 67,129 | 219,040 |
| ASI kWh Purchase | - | 377 | 320 | 405 | 1,103 |
| **Total Net Savings** | **254,027** | **214,101** | **236,573** | **230,412** | **935,113** |

*Note: Portfolio NTG Ratio: Guidehouse calculated the portfolio NTG ratio by dividing the total net savings by the total verified gross 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 requirement.*

Table 2-4 through Table 2-7 summarize the incremental energy and demand savings achieved in each of the program years.

**Table 2-4: Total Annual Incremental Savings - 2022**

| Savings Type | Portfolio | Ex Ante Gross Savings | Verified Gross Realization Rate | Verified Gross Savings | NTG* | Verified Net Savings |
|---|---|---|---|---|---|---|
| Energy (kWh) | Business & Public Sector | 889,517,278 | 1.04 | 926,640,310 | 0.88 | 812,481,895 |
| Energy (kWh) | Res & IE | 509,200,532 | 1.14 | 582,017,081 | 0.96 | 561,600,765 |
| Energy (kWh) | Pilot | 1,297,451 | 1.23 | 1,590,091 | 0.80 | 1,272,073 |
| Energy (kWh) | Market Transformation | 2,878,616 | 3.68 | 10,602,500 | 1.00 | 10,602,500 |
| Energy (kWh) | Voltage Optimization | 179,078,803 | 1.01 | 179,982,384 | 1.00 | 179,982,384 |
| Energy (kWh) | Total | 1,581,972,681 | 1.08 | 1,700,832,365 | 0.92 | 1,565,939,616 |
| Peak Demand (kW) | Business & Public Sector | 142,005 | 1.07 | 152,002 | 0.88 | 133,195 |
| Peak Demand (kW) | Res & IE | 41,822 | 1.97 | 82,181 | 1.01 | 83,320 |
| Peak Demand (kW) | Pilot | 108 | 1.86 | 201 | 0.80 | 161 |
| Peak Demand (kW) | Market Transformation | - | | 1,572 | 1.00 | 1,572 |
| Peak Demand (kW) | Voltage Optimization | 35,669 | 1.00 | 35,780 | 1.00 | 35,780 |
| Peak Demand (kW) | Total | 219,604 | 1.24 | 271,736 | 0.93 | 254,027 |

** The NTG is calculated as the sum of net savings divided by the sum of verified gross savings after excluding measures that do not have verified gross estimates (e.g., some behavior programs).*
*Source: ComEd tracking data and evaluation team analysis.*

**Table 2-5: Total Annual Incremental Savings - 2023**

| Savings Type | Portfolio | Ex Ante Gross Savings | Verified Gross Realization Rate | Verified Gross Savings | NTG* | Verified Net Savings |
|---|---|---|---|---|---|---|
| Energy (kWh) | Business & Public Sector | 735,050,153 | 1.02 | 748,802,288 | 0.91 | 681,084,151 |
| Energy (kWh) | Res & IE | 529,864,412 | 1.13 | 598,721,089 | 1.08 | 645,695,806 |
| Energy (kWh) | Pilot | 1,757,831 | 0.97 | 1,712,289 | 0.80 | 1,369,831 |
| Energy (kWh) | Market Transformation | 3,460,734 | 2.78 | 9,610,560 | 1.00 | 9,610,560 |
| Energy (kWh) | Voltage Optimization | 68,604,187 | 1.01 | 68,991,654 | 1.00 | 68,991,654 |
| Energy (kWh) | Total | 1,338,737,317 | 1.07 | 1,427,837,880 | 0.99 | 1,406,752,002 |
| Peak Demand (kW) | Business & Public Sector | 121,456 | 1.07 | 129,501 | 0.92 | 118,606 |
| Peak Demand (kW) | Res & IE | 140,711 | 0.51 | 71,802 | 1.14 | 81,589 |
| Peak Demand (kW) | Pilot | 7 | 0.16 | 1 | 0.80 | 1 |
| Peak Demand (kW) | Market Transformation | - | | 1,449 | 1.00 | 1,449 |
| Peak Demand (kW) | Voltage Optimization | 12,366 | 1.01 | 12,456 | 1.00 | 12,456 |
| Peak Demand (kW) | Total | 274,540 | 0.78 | 215,209 | 0.99 | 214,101 |

** The NTG is calculated as the sum of net savings divided by the sum of verified gross savings after excluding measures that do not have verified gross estimates (e.g., some behavior programs).*
*Source: ComEd tracking data and evaluation team analysis.*

**Table 2-6: Total Annual Incremental Savings - 2024**

| Savings Type | Portfolio | Ex Ante Gross Savings | Verified Gross Realization Rate | Verified Gross Savings | NTG* | Verified Net Savings |
|---|---|---|---|---|---|---|
| Energy (kWh) | Business & Public Sector | 813,657,011 | 1.02 | 827,950,054 | 0.89 | 736,838,885 |
| Energy (kWh) | Res & IE | 711,847,885 | 1.06 | 754,581,046 | 1.08 | 816,309,447 |
| Energy (kWh) | Voltage Optimization | 100,125,553 | 1.00 | 99,924,803 | 1.00 | 99,924,803 |
| Energy (kWh) | Total | 1,625,630,449 | 1.03 | 1,682,455,902 | 0.98 | 1,653,073,134 |
| Peak Demand (kW) | Business & Public Sector | 136,615 | 1.02 | 139,040 | 0.90 | 125,704 |
| Peak Demand (kW) | Res & IE | 144,124 | 0.54 | 78,471 | 1.19 | 93,137 |
| Peak Demand (kW) | Voltage Optimization | 17,530 | 1.01 | 17,732 | 1.00 | 17,732 |
| Peak Demand (kW) | Total | 298,270 | 0.79 | 235,243 | 1.01 | 236,573 |

** The NTG is calculated as the sum of net savings divided by the sum of verified gross savings after excluding measures that do not have verified gross estimates (e.g., some behavior programs).*
*Source: ComEd tracking data and evaluation team analysis.*

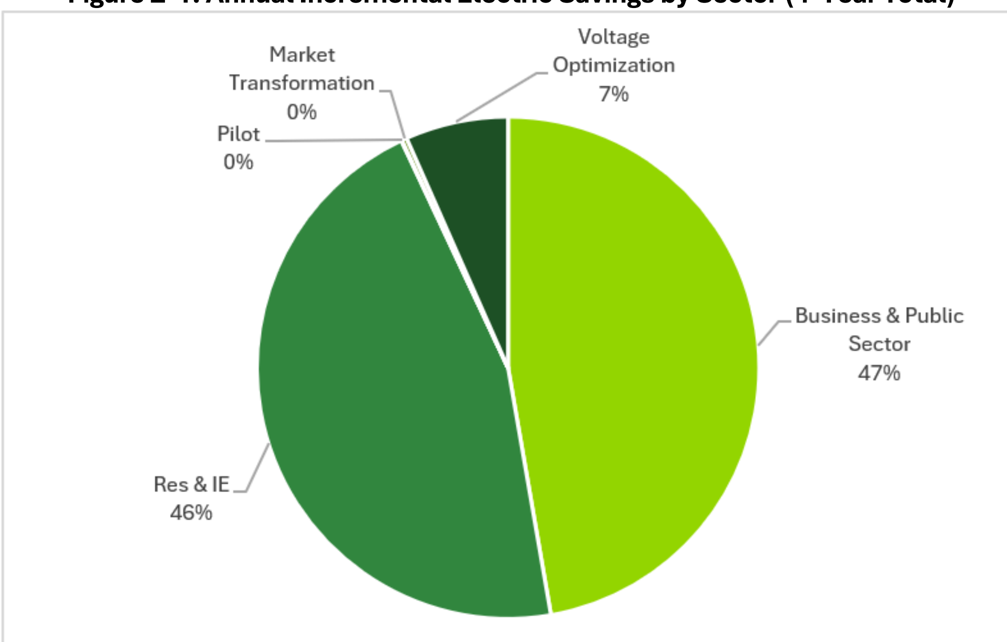
**Table 2-7: Total Annual Incremental Savings - 2025**

| Savings Type | Portfolio | Ex Ante Gross Savings | Verified Gross Realization Rate | Verified Gross Savings | NTG* | Verified Net Savings |
|---|---|---|---|---|---|---|
| Energy (kWh) | Business & Public Sector | 870,912,972 | 1.00 | 871,102,361 | 0.83 | 726,316,114 |
| Energy (kWh) | Res & IE | 783,147,810 | 1.00 | 779,573,200 | 1.07 | 837,951,184 |
| Energy (kWh) | Pilot | 447,447 | 1.00 | 447,117 | 0.80 | 357,693 |
| Energy (kWh) | Voltage Optimization | 65,162,402 | 1.00 | 65,285,853 | 1.00 | 65,285,853 |
| Energy (kWh) | Total | 1,719,670,631 | 1.00 | 1,716,408,531 | 0.95 | 1,629,910,845 |
| Peak Demand (kW) | Business & Public Sector | 147,109 | 1.05 | 154,365 | 0.83 | 128,594 |
| Peak Demand (kW) | Res & IE | 62,510 | 1.22 | 76,491 | 1.17 | 89,355 |
| Peak Demand (kW) | Pilot | - | | 16 | 0.80 | 13 |
| Peak Demand (kW) | Voltage Optimization | 11,846 | 1.05 | 12,450 | 1.00 | 12,450 |
| Peak Demand (kW) | Total | 221,464 | 1.10 | 243,322 | 0.95 | 230,412 |

** The NTG is calculated as the sum of net savings divided by the sum of verified gross savings after excluding measures that do not have verified gross estimates (e.g., some behavior programs).*
*Source: ComEd tracking data and evaluation team analysis.*

Over the 4-year period, the Business and Public Sector programs produced 47% of the portfolio net savings, Residential and Income Eligible programs contributed 46%, Voltage Optimization contributed 7%, and Pilot and Market Transformation programs contributed less than one percent (see Figure 2-1).

**Figure 2-1. Annual Incremental Electric Savings by Sector (4-Year Total)**




*Source: ComEd tracking data and evaluation team analysis.*

## 2.2 Cumulative Persisting Annual Savings (CPAS)

Per Section 8-103B of the Illinois Public Utilities Act, ComEd's energy efficiency goals are expressed in CPAS, which is the sum of the electric energy savings achieved in a given year from all measures installed in that year and in previous years, but no earlier than January 1, 2012, that are still operational and providing savings in that year. The CPAS savings are presented in tables at the end of this section.

### 2.2.1 Other Fuel (Gas + Propane) Savings

The gas savings attributed to ComEd's programs are only those not claimed by the Illinois gas utilities so that there is no double-counting. Some of the gas savings that ComEd can claim are from programs jointly implemented with the gas utilities, and some are from ComEd-only programs that produce gas savings along with electric savings. 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 (AATS) as defined in paragraph (7.5) of subsection (g) of this Section be met through savings of fuels other than electricity." The CEJA specifies that ComEd shall prioritize other fuels (which in CY2022-CY2025 are from natural gas and propane) for the Income Eligible population first to the extent practicable but can use other fuels from other sectors to achieve its target.[3] Table 2-10 provides the 4-year summary of the CPAS other fuel savings and equivalent kWh counted towards ComEd's goals.

### 2.2.2 Electrification Savings

CEJA authorizes claimed savings from measures that electrify space heating, water heating, cooling, drying, cooking, industrial processes, and other building and industrial end uses that would otherwise be served by combustion of fossil fuel at the premises, provided that the electrification measures reduce total consumption on the premises. 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, with at least 25% of savings coming from electrification of end uses in income eligible housing." Table 2-12 provides the 4-year summary of the CPAS electrification savings counted towards ComEd's goals.

### 2.2.3 Legacy Savings

CEJA specifies legacy savings, which are CPAS from energy efficiency measures implemented by ComEd from January 1, 2012 to December 31, 2017, that are still providing savings in the applicable year. The evaluation applied the deemed legacy savings toward ComEd verified CPAS as shown in Table 2-13.[4]

### 2.2.4 Historical Savings

CEJA requires that historical savings be included in CPAS. This means that the CPAS tables shown in this report include savings from measures installed in 2022 through 2025 that have not reached the end of their EUL. It also means that the CPAS tables account for expiring savings. The evaluation team applied the historical contribution to CPAS (direct electric, counted gas converted to kWh, and electrification) toward ComEd verified total CPAS for Revised Plan 6.

[3] CEJA Statute: 220 ILCS 5/8-103B(g)(7.5). Section 8-103B. The applicable annual total savings is estimated as the summary of applicable annual incremental goal for each year, which is the difference in year's CPAS Statutory Goal and the previous year's CPAS Statutory Goal, plus the expiring legacy savings and expiring historic savings applicable to that year.

[4] Legacy Savings are estimated by multiplying statutory the program year CPAS Legacy Savings percent by ComEd Baseline - 2014-2016 Average Annual Sales Less Exempt Customers MWh value of 83,000,528.

### 2.2.5 Expiring Savings

CEJA specifies that each year ComEd's programs must replace energy savings for measures that have reached the end of their measure lives before any progress towards achievement of its AAIG may be counted. The evaluation team calculated incremental expiring savings using the following equation:

**Equation 2-1. Incremental Expiring Savings**

Incremental Expiring Savings = CPAS Y_{n-1}-CPAS Y_n

The grand total incremental expiring savings is estimated as annual incremental expiring savings plus the legacy incremental expiring savings in the year and historical expiring savings since CY2018.

### 2.2.6 Total Savings

Table 2-8 presents the CPAS from direct energy savings. Table 2-9 presents total other fuel savings (in Therms and kWh) produced by the ComEd programs without taking the 10% limit into account. Table 2-10 presents total other fuel savings (in Therms and kWh) after taking the 10% limit into account. * *kWh equivalent savings are calculated by multiplying therm savings by 29.31.*

*† Historic savings go back to CY2018.*

*‡ Portfolio Total Gas CPAS (kWh Equivalent) is the sum of equivalent kWh CPAS and historic equivalent kWh CPAS.*

*§ Incremental expiring savings are equal to CPAS $Y_{n-1}$ - CPAS $Y_n$.*

*| | Historic incremental expiring savings are equal to Historic CPAS Yn-1 – Historic CPAS Yn.*

*# kWh equivalent portfolio total incremental savings are calculated by multiplying therm savings by 29.31.*

*Source: Evaluation team analysis*

Table 2-11 presents total electrification savings produced by the ComEd programs without taking the 5% limit into account. Table 2-12 presents total electrification savings after taking the 5% limit into account and the 25% from income eligible households. Table 2-13 presents the combined total direct electric savings, the total counted other fuel and electrification savings. The portfolio total CPAS contribution in CY2022 was 1,723,742 MWh, in CY2023 was 1,601,359 MWh, in CY2024 was 1,908,294 MWh, and in CY2025 was 1,892,686 MWh. The overall CPAS contribution over the four-year evaluation period was 7,126,081 MWh (Table 2-2 row P).

The grand total savings counted towards ComEd's goal on an annual basis was the CPAS contribution from direct electric, other fuel savings and electrification savings, plus the historic savings and the legacy savings. The grand total savings in CY2022 was 11,017,254 MWh, in CY2023 was 12,042,306 MWh, in CY2024 was 13,194,885 MWh, and in CY2025 was 14,330,355 MWh. The grand total savings over the four-year evaluation period was 50,584,800 MWh (Table 2-2 row R).

**Table 2-8: CPAS by Program – Electric Direct**

| Portfolio | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | | | | | 1,565,939,616 | 1,406,752,002 | 1,653,073,134 | 1,629,910,845 | 1,607,252,982 | 1,587,410,155 | 1,550,173,114 | 1,514,975,467 |
| Historic Portfolio Total Electric Contribution to CPAS* | 1,765,460,187 | 3,230,285,186 | 4,840,365,070 | 6,105,105,588 | 5,951,092,681 | 7,303,100,045 | 8,209,728,790 | 9,365,472,245 | 8,894,510,228 | 8,474,570,397 | 7,838,136,861 | 7,399,550,815 |
| Portfolio Total Electric CPAS† | 1,765,460,187 | 3,230,285,186 | 4,840,365,070 | 6,105,105,588 | 7,517,032,298 | 8,709,852,047 | 9,862,801,924 | 10,995,383,090 | 10,501,763,210 | 10,061,980,552 | 9,388,309,975 | 8,914,526,282 |
| Portfolio Incremental Expiring Electric Savings‡ | | | | | | | | | 22,657,863 | 19,842,828 | 37,237,041 | 35,197,647 |
| Historic Portfolio Incremental Expiring Electric Savings§ | | | | | 154,012,907 | 213,932,253 | 500,123,257 | 497,329,679 | 470,962,017 | 419,939,831 | 636,433,536 | 438,586,046 |
| Portfolio Grand Total Incremental Expiring Electric Savings# | | | | | 154,012,907 | 213,932,253 | 500,123,257 | 497,329,679 | 493,619,880 | 439,782,658 | 673,670,577 | 473,783,693 |

| Portfolio | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | 1,500,037,590 | 1,477,142,465 | 1,387,250,789 | 913,363,561 | 873,902,490 | 839,806,902 | 803,380,101 | 778,815,668 | 745,045,303 | 730,037,861 | 279,029,396 | 201,142,487 |
| Historic Portfolio Total Electric Contribution to CPAS* | 6,670,464,946 | 5,640,530,224 | 4,616,072,371 | 4,042,368,752 | 3,346,328,370 | 2,686,944,571 | 2,001,891,612 | 1,472,134,258 | 1,050,303,774 | 559,013,659 | 461,902,124 | 386,550,957 |
| Portfolio Total Electric CPAS† | 8,170,502,536 | 7,117,672,689 | 6,003,323,160 | 4,955,732,313 | 4,220,230,861 | 3,526,751,472 | 2,805,271,714 | 2,250,949,926 | 1,795,349,077 | 1,289,051,520 | 740,931,520 | 587,693,444 |
| Portfolio Incremental Expiring Electric Savings‡ | 14,937,877 | 22,895,125 | 89,891,676 | 473,887,228 | 39,461,071 | 34,095,588 | 36,426,800 | 24,564,433 | 33,770,365 | 15,007,442 | 451,008,465 | 77,886,909 |
| Historic Portfolio Incremental Expiring Electric Savings§ | 729,085,869 | 1,029,934,722 | 1,024,457,852 | 573,703,620 | 696,040,381 | 659,383,800 | 685,052,958 | 529,757,354 | 421,830,484 | 491,290,115 | 97,111,536 | 75,351,167 |
| Portfolio Grand Total Incremental Expiring Electric Savings# | 744,023,747 | 1,052,829,847 | 1,114,349,528 | 1,047,590,847 | 735,501,452 | 693,479,388 | 721,479,759 | 554,321,788 | 455,600,849 | 506,297,557 | 548,120,000 | 153,238,076 |

| Portfolio | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | 198,428,514 | 196,585,447 | 196,217,661 | 21,935,174 | 21,934,607 | 21,934,607 | 15,971,881 | 15,971,881 | 8,757,374 | 8,757,374 | 8,757,374 | 8,757,374 |
| Historic Portfolio Total Electric Contribution to CPAS* | 339,591,795 | 248,021,501 | 48,102,627 | 37,746,473 | 24,340,121 | 15,471,844 | 15,086,016 | 6,854,515 | 6,854,515 | 6,410,544 | 6,410,544 | 6,410,544 |
| Portfolio Total Electric CPAS† | 538,020,309 | 444,606,948 | 244,320,288 | 59,681,648 | 46,274,728 | 37,406,451 | 31,057,897 | 22,826,396 | 15,611,889 | 15,167,918 | 15,167,918 | 15,167,918 |
| Portfolio Incremental Expiring Electric Savings‡ | 2,713,974 | 1,843,067 | 367,785 | 174,282,487 | 567 | - | 5,962,726 | - | 7,214,507 | - | - | - |
| Historic Portfolio Incremental Expiring Electric Savings§ | 46,959,162 | 91,570,294 | 199,918,874 | 10,356,154 | 13,406,352 | 8,868,277 | 385,828 | 8,231,502 | - | 443,970 | - | - |
| Portfolio Grand Total Incremental Expiring Electric Savings# | 49,673,135 | 93,413,361 | 200,286,659 | 184,638,641 | 13,406,920 | 8,868,277 | 6,348,554 | 8,231,502 | 7,214,507 | 443,970 | - | - |

| Portfolio | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | 8,757,374 | 331,583 | 331,583 | 331,583 | 331,583 | 331,583 | 331,583 | 331,583 | 331,583 | 254,081 | 60,652 | - |
| Historic Portfolio Total Electric Contribution to CPAS* | - | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Total Electric CPAS† | 8,757,374 | 331,583 | 331,583 | 331,583 | 331,583 | 331,583 | 331,583 | 331,583 | 331,583 | 254,081 | 60,652 | - |
| Portfolio Incremental Expiring Electric Savings‡ | - | 8,425,791 | - | - | - | - | - | - | - | 77,502 | 193,428 | 60,652 |
| Historic Portfolio Incremental Expiring Electric Savings§ | 6,410,544 | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Grand Total Incremental Expiring Electric Savings# | 6,410,544 | 8,425,791 | - | - | - | - | - | - | - | 77,502 | 193,428 | 60,652 |

*Note: This table is Electric Energy Savings - Direct which includes primary kWh savings from efficient measures (includes efficiency savings from electrification measures but excludes the electrification savings), secondary kWh savings from wastewater treatment, carryover savings, and electric heating penalties.*
** Historical savings go back to CY2018.*
*† Portfolio Total Electric CPAS is the sum of electric contribution to CPAS plus historic CPAS.*
*‡ 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.*
*# Portfolio total incremental expiring savings are equal to current year total incremental expiring savings plus historic total incremental expiring savings.*
*Source: Evaluation team analysis*

**Table 2-9: CPAS by Program – Other Fuel**

| Portfolio | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Other Fuel Contribution to CPAS (Therms) | | | | | 10,060,083 | 14,632,771 | 40,036,380 | 34,855,128 | 34,845,328 | 34,805,262 | 34,754,054 | 34,721,065 |
| Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)* | | | | | 294,861,028 | 428,886,515 | 1,173,466,288 | 1,021,603,793 | 1,021,316,572 | 1,020,142,220 | 1,018,641,332 | 1,017,674,406 |
| Historic Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)† | 216,877,650 | 387,368,187 | 664,862,938 | 988,871,000 | 985,755,043 | 1,271,903,266 | 1,690,862,785 | 2,848,202,682 | 2,837,205,562 | 2,827,311,537 | 2,732,158,084 | 2,692,356,500 |
| Portfolio Total Other Fuel CPAS (kWh Equivalent)‡ | 216,877,650 | 387,368,187 | 664,862,938 | 988,871,000 | 1,280,616,071 | 1,700,789,781 | 2,864,329,072 | 3,869,806,475 | 3,858,522,133 | 3,847,453,757 | 3,750,799,416 | 3,710,030,906 |
| Portfolio Incremental Expiring Other Fuel Savings (Therms) | | | | | | | | | 9,799 | 40,067 | 51,207 | 32,990 |
| Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)§ | | | | | | | | | 287,222 | 1,174,352 | 1,500,888 | 966,926 |
| Historic Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)\|\| | | | | | 3,115,957 | 8,712,805 | 9,926,996 | 16,126,391 | 10,997,120 | 9,894,024 | 95,153,453 | 39,801,585 |
| Portfolio Total Incremental Expiring Other Fuel Savings (kWh Equivalent)# | | | | | 3,115,957 | 8,712,805 | 9,926,996 | 16,126,391 | 11,284,342 | 11,068,376 | 96,654,341 | 40,768,510 |

| Portfolio | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Other Fuel Contribution to CPAS (Therms) | 34,607,480 | 34,574,406 | 34,574,406 | 34,447,866 | 34,259,533 | 33,627,084 | 32,594,563 | 32,589,426 | 32,494,677 | 32,372,155 | 30,208,681 | 30,149,339 |
| Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)* | 1,014,345,234 | 1,013,375,843 | 1,013,375,843 | 1,009,666,945 | 1,004,146,913 | 985,609,844 | 955,346,627 | 955,196,075 | 952,418,974 | 948,827,851 | 885,416,442 | 883,677,132 |
| Historic Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)† | 2,535,075,348 | 2,400,594,446 | 2,186,212,561 | 1,985,720,694 | 1,881,507,782 | 1,675,163,106 | 1,602,638,542 | 1,544,595,058 | 1,496,339,088 | 1,414,362,951 | 1,402,909,687 | 1,364,013,779 |
| Portfolio Total Other Fuel CPAS (kWh Equivalent)‡ | 3,549,420,582 | 3,413,970,290 | 3,199,588,404 | 2,995,387,640 | 2,885,654,695 | 2,660,772,950 | 2,557,985,169 | 2,499,791,132 | 2,448,758,062 | 2,363,190,802 | 2,288,326,129 | 2,247,690,912 |
| Portfolio Incremental Expiring Other Fuel Savings (Therms) | 113,585 | 33,074 | - | 126,540 | 188,333 | 632,449 | 1,032,522 | 5,137 | 94,749 | 122,522 | 2,163,474 | 59,342 |
| Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)§ | 3,329,173 | 969,391 | - | 3,708,898 | 5,520,032 | 18,537,069 | 30,263,217 | 150,553 | 2,777,101 | 3,591,123 | 63,411,408 | 1,739,310 |
| Historic Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)\|\| | 157,281,152 | 134,480,901 | 214,381,885 | 200,491,867 | 104,212,912 | 206,344,676 | 72,524,565 | 58,043,484 | 48,255,970 | 81,976,137 | 11,453,265 | 38,895,907 |
| Portfolio Total Incremental Expiring Other Fuel Savings (kWh Equivalent)# | 160,610,325 | 135,450,292 | 214,381,885 | 204,200,764 | 109,732,944 | 224,881,745 | 102,787,781 | 58,194,036 | 51,033,071 | 85,567,260 | 74,864,673 | 40,635,217 |

| Portfolio | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Other Fuel Contribution to CPAS (Therms) | 30,148,679 | 30,148,679 | 30,148,679 | 1,146,446 | 1,101,672 | 1,101,672 | 1,101,672 | 1,101,672 | 1,095,908 | 1,095,908 | 1,095,908 | 1,095,908 |
| Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)* | 883,657,788 | 883,657,788 | 883,657,788 | 33,602,332 | 32,289,996 | 32,289,996 | 32,289,996 | 32,289,996 | 32,121,065 | 32,121,065 | 32,121,065 | 32,121,065 |
| Historic Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)† | 1,300,190,108 | 993,999,954 | 36,936,268 | 33,739,366 | 29,454,759 | 29,282,977 | 28,198,375 | 26,229,863 | 26,229,863 | 26,229,863 | 26,229,863 | 26,229,863 |
| Portfolio Total Other Fuel CPAS (kWh Equivalent)‡ | 2,183,847,896 | 1,877,657,742 | 920,594,056 | 67,341,697 | 61,744,755 | 61,572,973 | 60,488,371 | 58,519,859 | 58,350,928 | 58,350,928 | 58,350,928 | 58,350,928 |
| Portfolio Incremental Expiring Other Fuel Savings (Therms) | 660 | - | - | 29,002,233 | 44,774 | - | - | - | 5,764 | - | - | - |
| Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)§ | 19,345 | - | - | 850,055,456 | 1,312,335 | - | - | - | 168,932 | - | - | - |
| Historic Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)\|\| | 63,823,671 | 306,190,154 | 957,063,686 | 3,196,903 | 4,284,607 | 171,782 | 1,084,602 | 1,968,512 | - | - | - | - |
| Portfolio Total Incremental Expiring Other Fuel Savings (kWh Equivalent)# | 63,843,016 | 306,190,154 | 957,063,686 | 853,252,359 | 5,596,942 | 171,782 | 1,084,602 | 1,968,512 | 168,932 | - | - | - |

| Portfolio | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Other Fuel Contribution to CPAS (Therms) | 1,095,908 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 1,590 | - |
| Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)* | 32,121,065 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 46,609 | - |
| Historic Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)† | - | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Total Other Fuel CPAS (kWh Equivalent)‡ | 32,121,065 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 46,609 | - |
| Portfolio Incremental Expiring Other Fuel Savings (Therms) | - | 1,091,571 | - | - | - | - | - | - | - | - | 2,747 | 1,590 |
| Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)§ | - | 31,993,942 | - | - | - | - | - | - | - | - | 80,514 | 46,609 |
| Historic Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)\|\| | 26,229,863 | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Total Incremental Expiring Other Fuel Savings (kWh Equivalent)# | 26,229,863 | 31,993,942 | - | - | - | - | - | - | - | - | 80,514 | 46,609 |

** kWh equivalent savings are calculated by multiplying therm savings by 29.31.*
*† Historic savings go back to CY2018.*
*‡ Portfolio Total Gas CPAS (kWh Equivalent) is the sum of equivalent kWh CPAS and historic equivalent kWh CPAS.*
*§ Incremental expiring savings are equal to CPAS $Y_{n-1}$ - CPAS $Y_n$.*
*| | Historic incremental expiring savings are equal to Historic CPAS Yn-1 – Historic CPAS Yn.*
*# kWh equivalent portfolio total incremental savings are calculated by multiplying therm savings by 29.31.*
*Source: Evaluation team analysis*

**Table 2-10: CPAS from Other Fuel Counting Toward ComEd Goal**

| Portfolio | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Other Fuel Contribution to CPAS (Therms) | | | | | 4,960,634 | 5,277,551 | 6,259,711 | 6,264,838 | 6,264,838 | 6,264,838 | 6,264,838 | 6,264,838 |
| Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)* | | | | | 145,396,174 | 154,685,034 | 183,472,118 | 183,622,391 | 183,622,391 | 183,622,391 | 183,622,391 | 183,622,391 |
| Historic Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)† | 94,320,888 | 196,501,850 | 298,671,854 | 408,567,718 | 408,421,627 | 552,424,034 | 700,519,594 | 873,105,926 | 872,619,886 | 869,148,735 | 845,746,321 | 827,261,367 |
| Portfolio Total Other Fuel CPAS (kWh Equivalent)‡ | 94,320,888 | 196,501,850 | 298,671,854 | 408,567,718 | 553,817,801 | 707,109,068 | 883,991,712 | 1,056,728,317 | 1,056,242,277 | 1,052,771,126 | 1,029,368,712 | 1,010,883,759 |
| Portfolio Incremental Expiring Other Fuel Savings (Therms) | | | | | | | | | - | - | - | - |
| Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)§ | | | | | | | | | - | - | - | - |
| Historic Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)\|\| | | | | | 146,091 | 1,393,767 | 6,589,474 | 10,885,786 | 486,040 | 3,471,151 | 23,402,414 | 18,484,954 |
| Portfolio Total Incremental Expiring Other Fuel Savings (kWh Equivalent)# | | | | | 146,091 | 1,393,767 | 6,589,474 | 10,885,786 | 486,040 | 3,471,151 | 23,402,414 | 18,484,954 |

| Portfolio | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Other Fuel Contribution to CPAS (Therms) | 6,264,838 | 6,264,838 | 6,264,838 | 6,263,923 | 6,263,923 | 6,227,510 | 6,227,510 | 6,227,510 | 6,227,510 | 6,227,510 | 6,227,510 | 6,227,510 |
| Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)* | 183,622,391 | 183,622,391 | 183,622,391 | 183,595,578 | 183,595,578 | 182,528,315 | 182,528,315 | 182,528,315 | 182,528,315 | 182,528,315 | 182,528,315 | 182,528,315 |
| Historic Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)† | 772,336,267 | 753,561,861 | 732,837,594 | 619,562,661 | 579,362,762 | 508,943,868 | 460,735,614 | 449,290,621 | 437,456,705 | 423,042,936 | 412,621,546 | 374,389,449 |
| Portfolio Total Other Fuel CPAS (kWh Equivalent)‡ | 955,958,659 | 937,184,252 | 916,459,985 | 803,158,238 | 762,958,340 | 691,472,183 | 643,263,929 | 631,818,936 | 619,985,020 | 605,571,251 | 595,149,861 | 556,917,764 |
| Portfolio Incremental Expiring Other Fuel Savings (Therms) | - | - | - | 915 | - | 36,413 | - | - | - | - | - | - |
| Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)§ | - | - | - | 26,814 | - | 1,067,263 | - | - | - | - | - | - |
| Historic Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)\|\| | 54,925,100 | 18,774,407 | 20,724,267 | 113,274,933 | 40,199,898 | 70,418,894 | 48,208,254 | 11,444,993 | 11,833,916 | 14,413,769 | 10,421,390 | 38,232,097 |
| Portfolio Total Incremental Expiring Other Fuel Savings (kWh Equivalent)# | 54,925,100 | 18,774,407 | 20,724,267 | 113,301,747 | 40,199,898 | 71,486,157 | 48,208,254 | 11,444,993 | 11,833,916 | 14,413,769 | 10,421,390 | 38,232,097 |

| Portfolio | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Other Fuel Contribution to CPAS (Therms) | 6,227,510 | 6,227,510 | 6,227,510 | 1,106,954 | 1,100,682 | 1,100,682 | 1,100,682 | 1,100,682 | 1,095,908 | 1,095,908 | 1,095,908 | 1,095,908 |
| Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)* | 182,528,315 | 182,528,315 | 182,528,315 | 32,444,822 | 32,261,002 | 32,261,002 | 32,261,002 | 32,261,002 | 32,121,065 | 32,121,065 | 32,121,065 | 32,121,065 |
| Historic Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)† | 318,237,341 | 193,184,930 | 36,926,714 | 33,729,812 | 29,445,205 | 29,273,424 | 28,193,265 | 26,229,863 | 26,229,863 | 26,229,863 | 26,229,863 | 26,229,863 |
| Portfolio Total Other Fuel CPAS (kWh Equivalent)‡ | 500,765,656 | 375,713,245 | 219,455,029 | 66,174,634 | 61,706,207 | 61,534,426 | 60,454,267 | 58,490,865 | 58,350,928 | 58,350,928 | 58,350,928 | 58,350,928 |
| Portfolio Incremental Expiring Other Fuel Savings (Therms) | - | - | - | 5,120,556 | 6,272 | - | - | - | 4,774 | - | - | - |
| Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)§ | - | - | - | 150,083,493 | 183,819 | - | - | - | 139,937 | - | - | - |
| Historic Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)\|\| | 56,152,108 | 125,052,411 | 156,258,216 | 3,196,902 | 4,284,607 | 171,782 | 1,080,159 | 1,963,402 | - | - | - | - |
| Portfolio Total Incremental Expiring Other Fuel Savings (kWh Equivalent)# | 56,152,108 | 125,052,411 | 156,258,216 | 153,280,395 | 4,468,426 | 171,782 | 1,080,159 | 1,963,402 | 139,937 | - | - | - |

| Portfolio | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Other Fuel Contribution to CPAS (Therms) | 1,095,908 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 4,337 | 1,590 | - |
| Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)* | 32,121,065 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 46,609 | - |
| Historic Portfolio Total Other Fuel Contribution to CPAS (kWh Equivalent)† | - | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Total Other Fuel CPAS (kWh Equivalent)‡ | 32,121,065 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 127,123 | 46,609 | - |
| Portfolio Incremental Expiring Other Fuel Savings (Therms) | - | 1,091,571 | - | - | - | - | - | - | - | - | 2,747 | 1,590 |
| Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)§ | - | 31,993,942 | - | - | - | - | - | - | - | - | 80,514 | 46,609 |
| Historic Portfolio Incremental Expiring Other Fuel Savings (kWh Equivalent)\|\| | 26,229,863 | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Total Incremental Expiring Other Fuel Savings (kWh Equivalent)# | 26,229,863 | 31,993,942 | - | - | - | - | - | - | - | - | 80,514 | 46,609 |

** kWh equivalent savings are calculated by multiplying therm savings by 29.31.*
*† Historic savings go back to CY2018.*
*‡ Portfolio Total Gas CPAS (kWh Equivalent) is the sum of equivalent kWh CPAS and historic equivalent kWh CPAS.*
*§ Incremental expiring savings are equal to CPAS $Y_{n-1}$ - CPAS $Y_n$.*
*| | Historic incremental expiring savings are equal to Historic CPAS Yn-1 – Historic CPAS Yn.*
*# kWh equivalent portfolio total incremental savings are calculated by multiplying therm savings by 29.31.*
*Source: Evaluation team analysis*

**Table 2-11: CPAS from Electrification**

| Portfolio | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | | | | | 12,406,329 | 39,922,402 | 82,231,687 | 79,152,858 | 79,152,858 | 79,152,858 | 79,152,858 | 79,152,858 |
| Historic Portfolio Total Electric Contribution to CPAS* | | | | | - | 12,406,329 | 52,328,731 | 134,560,418 | 134,560,418 | 134,560,418 | 134,481,272 | 134,008,096 |
| Portfolio Total Electric CPAS† | | | | | 12,406,329 | 52,328,731 | 134,560,418 | 213,713,276 | 213,713,276 | 213,713,276 | 213,634,129 | 213,160,954 |
| Portfolio Incremental Expiring Electric Savings‡ | | | | | | | | | - | - | - | - |
| Historic Portfolio Incremental Expiring Electric Savings§ | | | | | - | - | - | - | - | - | 79,147 | 473,175 |
| Portfolio Grand Total Incremental Expiring Electric Savings# | | | | | - | - | - | - | - | - | 79,147 | 473,175 |

| Portfolio | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | 79,152,858 | 77,593,716 | 67,223,083 | 58,536,884 | 58,536,884 | 58,536,884 | 58,536,884 | 58,536,884 | 58,536,884 | 51,297,034 | 28,946,999 | 633,760 |
| Historic Portfolio Total Electric Contribution to CPAS* | 131,793,460 | 117,622,545 | 107,776,562 | 107,776,562 | 107,776,562 | 106,355,452 | 103,249,742 | 99,360,108 | 78,346,210 | 30,362,801 | 781,583 | 781,583 |
| Portfolio Total Electric CPAS† | 210,946,318 | 195,216,261 | 174,999,645 | 166,313,445 | 166,313,445 | 164,892,336 | 161,786,626 | 157,896,992 | 136,883,094 | 81,659,834 | 29,728,581 | 1,415,343 |
| Portfolio Incremental Expiring Electric Savings‡ | - | 1,559,141 | 10,370,633 | 8,686,199 | - | - | - | - | - | 7,239,850 | 22,350,035 | 28,313,238 |
| Historic Portfolio Incremental Expiring Electric Savings§ | 2,214,636 | 14,170,916 | 9,845,983 | - | - | 1,421,110 | 3,105,710 | 3,889,634 | 21,013,898 | 47,983,409 | 29,581,218 | - |
| Portfolio Grand Total Incremental Expiring Electric Savings# | 2,214,636 | 15,730,057 | 20,216,617 | 8,686,199 | - | 1,421,110 | 3,105,710 | 3,889,634 | 21,013,898 | 55,223,259 | 51,931,253 | 28,313,238 |

| Portfolio | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | 568,320 | 524,693 | 524,693 | 524,693 | 524,693 | 524,693 | 524,693 | 524,693 | - | | | |
| Historic Portfolio Total Electric Contribution to CPAS* | 781,583 | 781,583 | 766,997 | 766,997 | 766,997 | 642,032 | 484,629 | - | - | | | |
| Portfolio Total Electric CPAS† | 1,349,903 | 1,306,276 | 1,291,690 | 1,291,690 | 1,291,690 | 1,166,725 | 1,009,322 | 524,693 | - | | | |
| Portfolio Incremental Expiring Electric Savings‡ | 65,440 | 43,627 | - | - | - | - | - | - | 524,693 | | | |
| Historic Portfolio Incremental Expiring Electric Savings§ | - | - | 14,585 | - | - | 124,965 | 157,403 | 484,629 | - | | | |
| Portfolio Grand Total Incremental Expiring Electric Savings# | 65,440 | 43,627 | 14,585 | - | - | 124,965 | 157,403 | 484,629 | 524,693 | | | |

** Historical savings go back to CY2018.*
*† Portfolio Total Electric CPAS is the sum of electric contribution to CPAS plus historic CPAS.*
*‡ 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.*
*# Portfolio total incremental expiring savings are equal to current year total incremental expiring savings plus historic total incremental expiring savings.*
*Source: Evaluation team analysis*

**Table 2-12: CPAS from Electrification Counting Toward ComEd Goal**

| Portfolio | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | | | | | 12,406,329 | 39,922,402 | 71,748,304 | 79,152,858 | 79,152,858 | 79,152,858 | 79,152,858 | 79,152,858 |
| Historic Portfolio Total Electric Contribution to CPAS* | | | | | - | 12,406,329 | 52,328,731 | 124,077,035 | 124,077,035 | 124,077,035 | 123,997,888 | 123,524,713 |
| Portfolio Total Electric CPAS† | | | | | 12,406,329 | 52,328,731 | 124,077,035 | 203,229,892 | 203,229,892 | 203,229,892 | 203,150,746 | 202,677,570 |
| Portfolio Incremental Expiring Electric Savings‡ | | | | | | | | | - | - | - | - |
| Historic Portfolio Incremental Expiring Electric Savings§ | | | | | | - | - | - | - | - | 79,147 | 473,175 |
| Portfolio Grand Total Incremental Expiring Electric Savings# | | | | | | - | - | - | - | - | 79,147 | 473,175 |

| Portfolio | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | 79,152,858 | 77,593,716 | 67,223,083 | 58,536,884 | 58,536,884 | 58,536,884 | 58,536,884 | 58,536,884 | 58,536,884 | 51,297,034 | 28,946,999 | 633,760 |
| Historic Portfolio Total Electric Contribution to CPAS* | 121,310,077 | 109,332,140 | 101,430,873 | 101,430,873 | 101,430,873 | 100,009,763 | 96,904,054 | 93,014,420 | 72,000,522 | 30,362,801 | 781,583 | 781,583 |
| Portfolio Total Electric CPAS† | 200,462,934 | 186,925,856 | 168,653,956 | 159,967,757 | 159,967,757 | 158,546,647 | 155,440,937 | 151,551,304 | 130,537,405 | 81,659,834 | 29,728,581 | 1,415,343 |
| Portfolio Incremental Expiring Electric Savings‡ | - | 1,559,141 | 10,370,633 | 8,686,199 | - | - | - | - | - | 7,239,850 | 22,350,035 | 28,313,238 |
| Historic Portfolio Incremental Expiring Electric Savings§ | 2,214,636 | 11,977,937 | 7,901,267 | - | - | 1,421,110 | 3,105,710 | 3,889,634 | 21,013,898 | 41,637,721 | 29,581,218 | - |
| Portfolio Grand Total Incremental Expiring Electric Savings# | 2,214,636 | 13,537,078 | 18,271,900 | 8,686,199 | - | 1,421,110 | 3,105,710 | 3,889,634 | 21,013,898 | 48,877,571 | 51,931,253 | 28,313,238 |

| Portfolio | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Electric Contribution to CPAS | 568,320 | 524,693 | 524,693 | 524,693 | 524,693 | 524,693 | 524,693 | 524,693 | - | | | |
| Historic Portfolio Total Electric Contribution to CPAS* | 781,583 | 781,583 | 766,997 | 766,997 | 766,997 | 642,032 | 484,629 | - | - | | | |
| Portfolio Total Electric CPAS† | 1,349,903 | 1,306,276 | 1,291,690 | 1,291,690 | 1,291,690 | 1,166,725 | 1,009,322 | 524,693 | - | | | |
| Portfolio Incremental Expiring Electric Savings‡ | 65,440 | 43,627 | - | - | - | - | - | - | 524,693 | | | |
| Historic Portfolio Incremental Expiring Electric Savings§ | - | - | 14,585 | - | - | 124,965 | 157,403 | 484,629 | - | | | |
| Portfolio Grand Total Incremental Expiring Electric Savings# | 65,440 | 43,627 | 14,585 | - | - | 124,965 | 157,403 | 484,629 | 524,693 | | | |

** Historical savings go back to CY2018.*
*† Portfolio Total Electric CPAS is the sum of electric contribution to CPAS plus historic CPAS.*
*‡ 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.*
*# Portfolio total incremental expiring savings are equal to current year total incremental expiring savings plus historic total incremental expiring savings.*
*Source: Evaluation team analysis*

**Table 2-13: Total CPAS Counting Toward ComEd Goal– Electric Direct + Other Fuel Counted + Electrification Counted**

| Portfolio | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Contribution to CPAS (kWh) | | | | | 1,723,742,120 | 1,601,359,437 | 1,908,293,556 | 1,892,686,094 | 1,870,028,231 | 1,850,185,404 | 1,812,948,363 | 1,777,750,716 |
| Historic Portfolio Total Contribution to CPAS* | 1,859,781,075 | 3,426,787,036 | 5,139,036,924 | 6,513,673,306 | 6,359,514,308 | 7,867,930,408 | 8,962,577,115 | 10,362,655,206 | 9,891,207,148 | 9,467,796,167 | 8,807,881,070 | 8,350,336,895 |
| Legacy Savings (kWh)† | | 4,087,238,480 | 3,537,033,300 | 3,144,029,597 | 2,933,997,266 | 2,573,016,371 | 2,324,014,787 | 2,075,013,202 | 1,909,012,146 | 1,743,011,090 | 1,494,009,506 | 1,411,008,978 |
| Portfolio Total CPAS (kWh)‡ | 1,859,781,075 | 7,514,025,516 | 8,676,070,224 | 9,657,702,903 | 11,017,253,694 | 12,042,306,217 | 13,194,885,458 | 14,330,354,502 | 13,670,247,525 | 13,060,992,661 | 12,114,838,939 | 11,539,096,589 |
| Portfolio Incremental Expiring Savings§ | | | | | | | | | 22,657,863 | 19,842,828 | 37,237,041 | 35,197,647 |
| Historic Portfolio Incremental Expiring Savings\| \| | | | | | 154,158,999 | 215,326,019 | 506,712,731 | 508,215,465 | 471,448,058 | 423,410,981 | 659,915,097 | 457,544,175 |
| Legacy Incremental Expiring Savings | | | 550,205,180 | 393,003,703 | 210,032,331 | 360,980,895 | 249,001,584 | 249,001,584 | 166,001,056 | 166,001,056 | 249,001,584 | 83,000,528 |
| Portfolio Grand Total Incremental Expiring Savings# | | | 550,205,180 | 393,003,703 | 364,191,330 | 576,306,914 | 755,714,315 | 757,217,049 | 660,106,977 | 609,254,865 | 946,153,722 | 575,742,350 |
| Progress towards Applicable Annual Incremental Goal (AAIG)*† | | - | - | - | 1,359,550,790 | 1,025,052,523 | 1,152,579,241 | 1,135,469,045 | - | - | - | - |

| Portfolio | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Contribution to CPAS (kWh) | 1,762,812,839 | 1,738,358,573 | 1,638,096,263 | 1,155,496,023 | 1,116,034,952 | 1,080,872,101 | 1,044,445,300 | 1,019,880,867 | 986,110,502 | 963,863,209 | 490,504,710 | 384,304,562 |
| Historic Portfolio Total Contribution to CPAS* | 7,564,111,290 | 6,503,424,224 | 5,450,340,839 | 4,763,362,286 | 4,027,122,006 | 3,295,898,202 | 2,559,531,280 | 2,014,439,299 | 1,559,761,000 | 1,012,419,396 | 875,305,252 | 761,721,989 |
| Legacy Savings (kWh)† | 1,245,007,921 | 1,079,006,865 | 913,005,809 | 747,004,753 | 581,003,697 | 415,002,640 | 332,002,112 | 249,001,584 | 166,001,056 | 83,000,528 | - | - |
| Portfolio Total CPAS (kWh)‡ | 10,571,932,050 | 9,320,789,662 | 8,001,442,911 | 6,665,863,062 | 5,724,160,654 | 4,791,772,943 | 3,935,978,693 | 3,283,321,750 | 2,711,872,558 | 2,059,283,133 | 1,365,809,962 | 1,146,026,551 |
| Portfolio Incremental Expiring Savings§ | 14,937,877 | 24,454,266 | 100,262,309 | 482,600,240 | 39,461,071 | 35,162,851 | 36,426,800 | 24,564,433 | 33,770,365 | 22,247,293 | 473,358,500 | 106,200,147 |
| Historic Portfolio Incremental Expiring Savings\| \| | 786,225,605 | 1,060,687,066 | 1,053,083,385 | 686,978,553 | 736,240,280 | 731,223,804 | 736,366,922 | 545,091,981 | 454,678,299 | 547,341,604 | 137,114,144 | 113,583,263 |
| Legacy Incremental Expiring Savings | 166,001,056 | 166,001,056 | 166,001,056 | 166,001,056 | 166,001,056 | 166,001,056 | 83,000,528 | 83,000,528 | 83,000,528 | 83,000,528 | 83,000,528 | - |
| Portfolio Grand Total Incremental Expiring Savings# | 967,164,538 | 1,251,142,388 | 1,319,346,750 | 1,335,579,850 | 941,702,407 | 932,387,711 | 855,794,250 | 652,656,943 | 571,449,192 | 652,589,425 | 693,473,172 | 219,783,410 |
| Progress towards Applicable Annual Incremental Goal (AAIG)*† | - | - | - | - | - | - | - | - | - | - | - | - |

| Portfolio | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Contribution to CPAS (kWh) | 381,525,148 | 379,638,454 | 379,270,669 | 54,904,689 | 54,720,302 | 54,720,302 | 48,757,576 | 48,757,576 | 40,878,439 | 40,878,439 | 40,878,439 | 40,878,439 |
| Historic Portfolio Total Contribution to CPAS* | 658,610,719 | 441,988,014 | 85,796,338 | 72,243,283 | 54,552,324 | 45,387,300 | 43,763,910 | 33,084,378 | 33,084,378 | 32,640,407 | 32,640,407 | 32,640,407 |

| Portfolio | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Legacy Savings (kWh)† | - | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Total CPAS (kWh)‡ | 1,040,135,867 | 821,626,468 | 465,067,007 | 127,147,972 | 109,272,626 | 100,107,602 | 92,521,486 | 81,841,954 | 73,962,817 | 73,518,846 | 73,518,846 | 73,518,846 |
| Portfolio Incremental Expiring Savings§ | 2,779,414 | 1,886,694 | 367,785 | 324,365,980 | 184,387 | - | 5,962,726 | - | 7,879,137 | - | - | - |
| Historic Portfolio Incremental Expiring Savings\|\| | 103,111,270 | 216,622,705 | 356,191,676 | 13,553,055 | 17,690,959 | 9,165,024 | 1,623,390 | 10,679,532 | - | 443,971 | - | - |
| Legacy Incremental Expiring Savings | - | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Grand Total Incremental Expiring Savings# | 105,890,684 | 218,509,399 | 356,559,461 | 337,919,035 | 17,875,346 | 9,165,024 | 7,586,116 | 10,679,532 | 7,879,137 | 443,971 | - | - |
| Progress towards Applicable Annual Incremental Goal (AAIG)*† | | | | | | | | | | | | |

| Portfolio | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Portfolio Total Contribution to CPAS (kWh) | 40,878,439 | 458,706 | 458,706 | 458,706 | 458,706 | 458,706 | 458,706 | 458,706 | 458,706 | 381,204 | 107,262 | - |
| Historic Portfolio Total Contribution to CPAS* | - | - | - | - | - | - | - | - | - | - | - | - |
| Legacy Savings (kWh)† | - | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Total CPAS (kWh)‡ | 40,878,439 | 458,706 | 458,706 | 458,706 | 458,706 | 458,706 | 458,706 | 458,706 | 458,706 | 381,204 | 107,262 | - |
| Portfolio Incremental Expiring Savings§ | - | 40,419,733 | - | - | - | - | - | - | - | 77,502 | 273,943 | 107,262 |
| Historic Portfolio Incremental Expiring Savings\|\| | 32,640,407 | - | - | - | - | - | - | - | - | - | - | - |
| Legacy Incremental Expiring Savings | - | - | - | - | - | - | - | - | - | - | - | - |
| Portfolio Grand Total Incremental Expiring Savings# | 32,640,407 | 40,419,733 | - | - | - | - | - | - | - | 77,502 | 273,943 | 107,262 |
| Progress towards Applicable Annual Incremental Goal (AAIG)*† | | | | | | | | | | | | |

*Note: This table shows only gross and net other fuel savings counted towards ComEd's goal in CY2024. Results shown for programs in sectors other than Income Eligible may be different from program specific reports (in CY2024 other fuel counted kWh came from Income Eligible only).*
** Historic savings go back to CY2018.*
*‡ Legacy savings are cumulative persisting annual savings from energy efficiency measures implemented from January 1, 2012 - December 31, 2017, as deemed by CEJA.*
*§ 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.*
*# Portfolio total incremental expiring savings are equal to current year total incremental expiring savings plus historic total incremental expiring savings and legacy incremental expiring savings.*
**† AAIG is equal to CPAS Yn - CPAS Yn-1.*
*Source: Evaluation team analysis*

## 2.3 Weighted Average Measure Life

Table 2-14 shows the first year verified gross savings (kWh) and the weighted average measure life (WAML) for the CY2022 through CY2025 programs with and without Voltage Optimization.

**Table 2-14: WAML and Verified Gross Savings by Program Year**

| Portfolio | CY2022 First Year Verified Gross Savings (kWh) | CY2023 First Year Verified Gross Savings (kWh) | CY2024 First Year Verified Gross Savings (kWh) | CY2025 First Year Verified Gross Savings (kWh) | CY2022 WAML | CY2023 WAML | CY2024 WAML | CY2025 WAML |
|---|---|---|---|---|---|---|---|---|
| Grand Total (without Voltage Optimization) | 1,790,324,633 | 1,642,975,203 | 1,945,575,950 | 2,000,192,543 | 11.5 | 12.1 | 13.4 | 13.4 |
| Grand Total (with Voltage Optimization) | 1,970,307,016 | 1,711,966,857 | 2,045,500,752 | 2,065,478,397 | 11.8 | 12.3 | 13.5 | 13.4 |

*Note: Verified Gross Savings include both electric savings and converted kWh equivalents from gas counted towards goal, and secondary electric energy (kWh) savings from water supply and wastewater treatment plants for measures claimed by ComEd.*
*Source: Evaluation team analysis*

# 3 Claimed Savings by Sector

The claimed energy savings by sector from CY2022 through CY2025 are shown in the following tables. Table 3-1 includes savings from gas and electrification converted to electricity, counting only those savings that ComEd can claim within the 10% limit for other fuel and 5% limit for electrification. The Illinois Stakeholder Advisory Group (SAG) policy[5] on income eligible energy efficient electrification attribution for midstream programs allows ComEd and evaluators in CY2024 and CY2025 to apply an assumption of 10% of IE electrification savings from heat pumps to midstream programs. Table 3-2 breaks down the Res & IE programs and shows IE savings, including the Midstream/Upstream IE savings within the Business & Public Sector.

**Table 3-1: Sector Counted Energy Savings – Total Electric + Converted Other Fuel + Electrification**

| Sector | Ex Ante Gross Savings (kWh) | Verified Gross Realization Rate | Verified Gross Savings (kWh) | NTG* | Verified Net Savings (kWh) |
|---|---|---|---|---|---|
| Business & Public Sector | 3,464,964,597 | 0.99 | 3,426,132,754 | 0.88 | 2,999,391,614 |
| Res & IE | 3,412,047,026 | 1.04 | 3,554,700,101 | 1.04 | 3,688,880,824 |
| Pilot | 4,480,465 | 0.95 | 4,260,803 | 0.80 | 3,411,016 |
| Market Transformation | 6,339,350 | 3.19 | 20,213,060 | 1.00 | 20,213,060 |
| Voltage Optimization | 412,970,944 | 1.00 | 414,184,694 | 1.00 | 414,184,694 |
| Grand Total | 7,300,802,382 | 1.02 | 7,419,491,412 | 0.96 | 7,126,081,209 |

*Source: Evaluation team analysis*

**Table 3-2: Income Eligible Counted Energy Savings – Total Electric + Converted Other Fuel + Electrification**

| Sector | Ex Ante Gross Savings (kWh) | Verified Gross Realization Rate | Verified Gross Savings (kWh) | NTG* | Verified Net Savings (kWh) |
|---|---|---|---|---|---|
| Business & Public Sector | 3,671,382 | 1.73 | 6,349,142 | 0.92 | 5,817,633 |
| Res & IE | 2,537,438,817 | 1.03 | 2,609,224,189 | 1.00 | 2,597,372,931 |
| Grand Total | 2,541,110,199 | 1.03 | 2,615,573,330 | 1.00 | 2,603,190,565 |

*Source: Evaluation team analysis*

[5] 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)

# 4 Energy and Peak Demand Savings by End Use

**Lighting measures contributed the most energy and peak demand savings to the Revised Plan 6 portfolio by a substantial margin as shown in the end-use type categories in Table 4-1,**

Table 4-2**Error! Reference source not found.**, Figure 4-1 and Figure 4-2. Lighting measures contributed 58% of the portfolio net electric savings from CY2022 through CY2025. Shell measures and Voltage Optimization followed with 7% of net electric savings, Residential Behavior program contributed 6%, and 4% from HVAC measures.

**Table 4-1: Net Energy Savings by End Use – Electric Only**

| End Use Type | CY2022 Verified Net Savings (kWh) | CY2023 Verified Net Savings (kWh) | CY2024 Verified Net Savings (kWh) | CY2025 Verified Net Savings (kWh) | Total Verified Net Savings (kWh) | Percent Portfolio Savings (%) |
|---|---|---|---|---|---|---|
| Lighting | 934,922,945 | 864,010,447 | 901,017,607 | 952,093,496 | 3,652,044,495 | 58% |
| Other | 167,778,685 | 201,148,837 | 187,017,701 | 140,482,223 | 696,427,446 | 11% |
| Shell | 17,287,249 | 70,565,218 | 193,304,736 | 175,719,075 | 456,876,277 | 7% |
| Voltage Optimization | 179,982,384 | 68,991,654 | 99,924,803 | 65,285,853 | 414,184,694 | 7% |
| Behavior | 109,384,787 | 82,444,452 | 100,555,672 | 81,376,701 | 373,761,612 | 6% |
| HVAC | 56,750,105 | 44,322,249 | 61,061,419 | 78,243,603 | 240,377,376 | 4% |
| Compressed Air | 46,726,045 | 3,652,533 | 46,592,356 | 54,282,880 | 151,253,813 | 2% |
| Appliances | 26,699,666 | 23,368,457 | 16,545,194 | 33,904,970 | 100,518,287 | 2% |
| Consumer Electronics | 13,967,553 | 20,896,067 | 23,077,822 | 29,074,453 | 87,015,896 | 1% |
| Refrigeration | 12,440,197 | 27,352,087 | 23,975,825 | 19,447,592 | 83,215,701 | 1% |
| Grand Total | 1,565,939,616 | 1,406,752,002 | 1,653,073,134 | 1,629,910,845 | 6,255,675,598 | 100% |

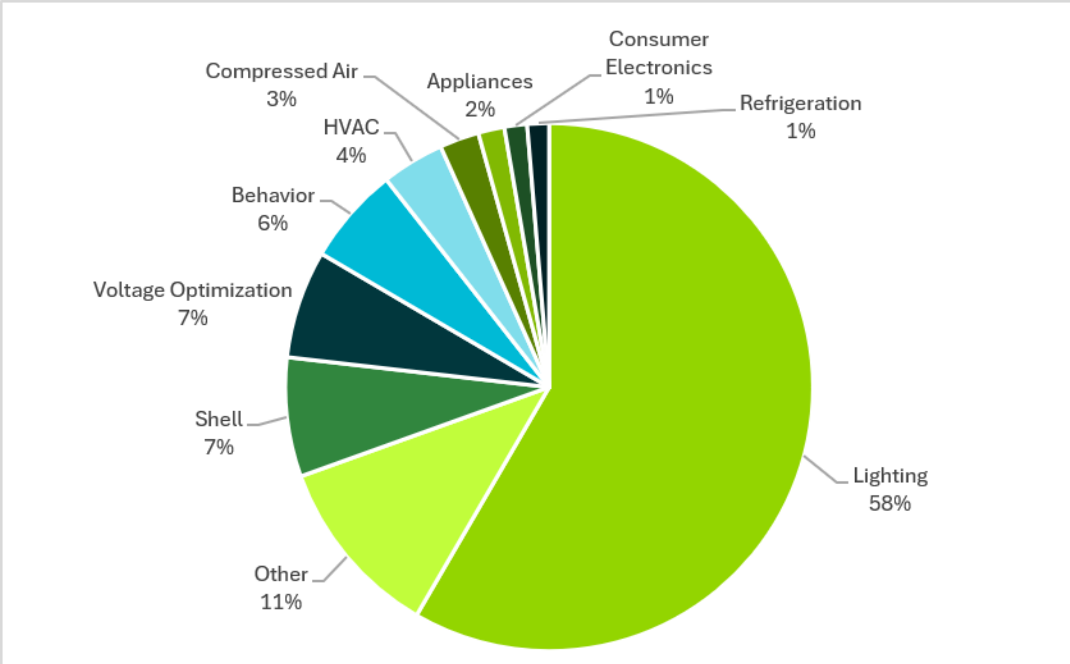
*Source: Evaluation team analysis*

**Table 4-2: Net Peak Demand Savings by End Use**

| End Use Type | CY2022 Verified Net Savings (kW) | CY2023 Verified Net Savings (kW) | CY2024 Verified Net Savings (kW) | CY2025 Verified Net Savings (kW) | Total Verified Net Savings (kW) | Percent Portfolio Savings (%) |
|---|---|---|---|---|---|---|
| Lighting | 157,918 | 148,508 | 148,666 | 155,171 | 610,263 | 65% |
| Voltage Optimization | 35,780 | 12,456 | 17,732 | 12,450 | 78,418 | 8% |
| Behavior | 18,880 | 14,230 | 17,356 | 14,046 | 64,512 | 7% |
| Other | 11,642 | 17,862 | 19,470 | 13,534 | 62,508 | 7% |
| HVAC | 11,920 | 7,535 | 9,308 | 9,458 | 38,221 | 4% |
| Compressed Air | 7,177 | 769 | 7,250 | 9,967 | 25,162 | 3% |
| Shell | 3,826 | 4,325 | 8,007 | 6,824 | 22,981 | 2% |
| Appliances | 3,919 | 3,496 | 3,743 | 3,806 | 14,964 | 2% |
| Consumer Electronics | 1,479 | 2,278 | 2,603 | 3,152 | 9,512 | 1% |
| Refrigeration | 1,486 | 2,641 | 2,438 | 2,004 | 8,570 | 1% |
| Grand Total | 254,027 | 214,101 | 236,573 | 230,412 | 935,113 | 100% |

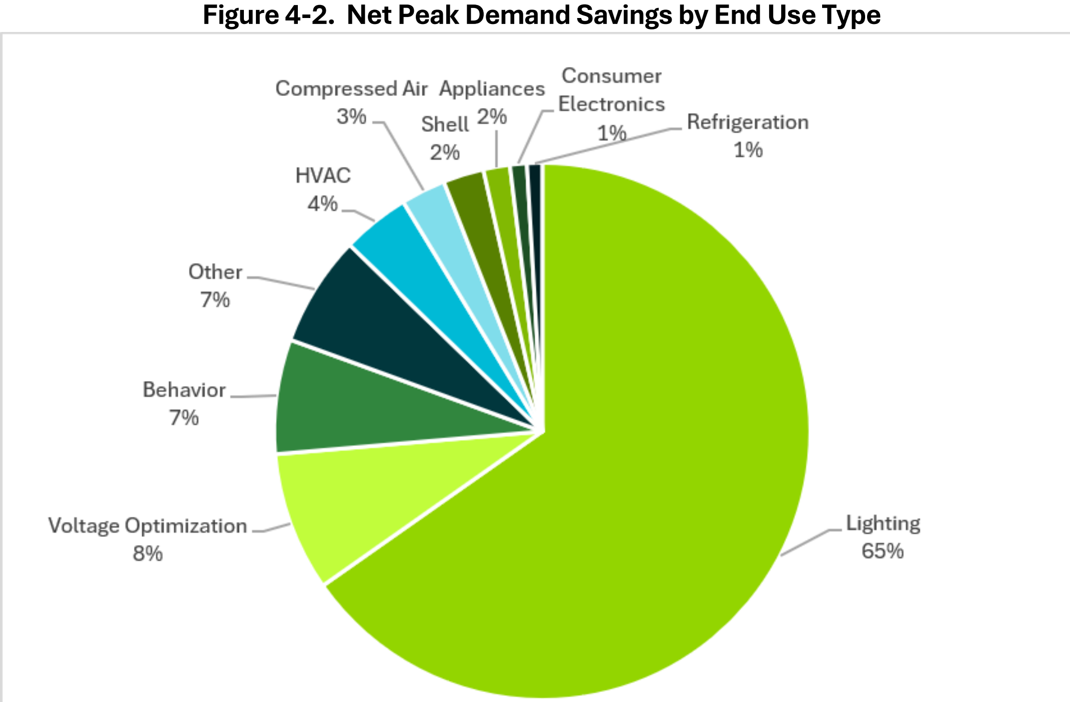
*Source: Evaluation team analysis*

**Figure 4-1. Net Energy Savings by End Use Type – Electric Only**




Source: *Evaluation team analysis*

**Figure 4-2. Net Peak Demand Savings by End Use Type**




Source: *Evaluation team analysis*