Guidehouse

# Multi-Family Market Rate Program Impact Evaluation Report

Energy Efficiency Plan: Program Year 2025

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

**Prepared for:**

**Nicor Gas Company**

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**Final**

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# Table of Contents



# Table of Tables

# 1 Introduction

This report presents the results of the impact evaluation of the Nicor Gas 2025 Multi-Family Market Rate (MF MR) Program. It presents a summary of the energy impacts for the total program and broken out by relevant measure and program structure details. Appendix A presents the impact analysis methodology. Appendix B presents the Total Resource Cost (TRC) cost-effectiveness analysis inputs. Program year 2025 covers January 1 to December 31, 2025.

# 2 Program Description

The Multi-Family Market Rate Program is delivered through four paths.

- The Direct Installation (DI) path is offered jointly with ComEd and provides free assessment and no-cost direct installation (DI) in-unit (IU) of measures in residential Multi-family buildings with three or more living units.
- The Prescriptive path offers incentives to multi-family decision-makers to install energy saving measures in common areas (CA) of multi-family buildings.
- The Centralized Plant Optimization Program (CPOP) is the path where program-approved contractors provide free central plant upgrades, including boiler tune-ups, boiler controls, pipe and tank insulation, and steam trap testing and repair.
- The Air Sealing and Insulation (ASI) path focuses on weatherization and shell measures, such as attic insulation and air sealing, to improve comfort and reduce overall heating loads.

The program had 115 participants in 2025 and completed 959 projects as shown in Table 1.

**Table 1. 2025 Volumetric Findings Detail**

| Participation | ASI | CPOP | Direct Install | Prescriptive | Total |
|---|---|---|---|---|---|
| Participants * | 47 | 42 | 4 | 23 | 115 |
| Participant Addresses | 78 | 42 | 4 | 23 | 147 |
| Installed Projects † | 82 | 48 | 795** | 34 | 959 |
| Measure Types Installed ‡ | 3 | 8 | 4 | 6 | 21 |
| Total Number of Units in Buildings*† | 642 | 1,669 | 18 | - | 2,329 |

** Participants are defined as distinct counts of building account numbers; total reflects unique building account numbers.*
***Direct Install projects represent unique dwelling units. Direct install programs include multiple measure types per dwelling unit.*
*† Installed Projects are defined as distinct count of project IDs.*
*‡ Measure Types Installed are defined as distinct count of Nicor measure categories aligned with TRM measure characterizations; total reflects unique measure categories across paths.*
**† Units were deduplicated by building account number using the lowest nonblank reported value.*

*Source: Nicor Gas tracking data and evaluation team analysis.*

Table 2 summarizes the installed measure quantities that are the basis for verified energy savings. The table shows measures that are qualified as disadvantaged community (DAC) projects and non-DAC projects.

**Table 2. 2025 Installed Measure Quantities**

| Program Category | Program Path | Measure | Quantity Unit | Installed Quantity |
|---|---|---|---|---|
| Non-DAC | ASI | Air Sealing | LN FT | 125,494 |
| | | Air Sealing – Door Sweep | Unit | 95 |
| | | Attic Insulation | SQ FT | 81,452 |
| | | Duct Sealing | Unit | 268 |
| | CPOP | Boiler Reset Controls | Unit | 10 |
| | | Boiler Tune Up | Unit | 40 |
| | | Controls for Domestic Hot Water | Unit | 874 |
| | | DHW Boiler Tune Up | Unit | 6 |
| | | DHW Tank Insulation | Unit | 732 |
| | | Pipe Insulation | LN FT | 25,035 |
| | | Steam Boiler Averaging Controls | Unit | 2 |
| | | Steam Traps | Unit | 102 |
| | Direct Install | Low Flow Aerator (IU) | Unit | 18 |
| | | Low Flow Showerheads (IU) | Unit | 10 |
| | | Programmable Thermostats | Unit | 769 |
| | | Shower Timer | Unit | 13 |
| | Prescriptive | Boiler Tune Up | Unit | 4 |
| | | Boilers | Unit | 22 |
| | | High Efficiency Furnace | Unit | 2 |
| | | Pipe Insulation | LN FT | 117 |
| | | Pool Covers | SQ FT | 3,559 |
| | | Water Heater | Unit | 1 |

| Program Category | Program Path | Measure | Quantity Unit | Installed Quantity |
|---|---|---|---|---|
| **DAC** | ASI | Air Sealing - DAC | LN FT | 56,382 |
| | | Air Sealing- Door Sweep - DAC | Unit | 24 |
| | | Attic Insulation - DAC | SQ FT | 18,415 |
| | | Duct Sealing | Unit | 179 |
| | CPOP | Boiler Reset Controls - DAC | Unit | 1 |
| | | Boiler Tune Up - DAC | Unit | 6 |
| | | DHW Boiler Tune Up - DAC | Unit | 6 |
| | | Pipe Insulation - DAC | LN FT | 275 |
| | Prescriptive | Boilers - DAC | Unit | 1 |
| | | Pipe Insulation - DAC | LN FT | 408 |

*Source: Nicor Gas tracking data and evaluation team analysis.*

# 3 Program Savings Detail

Table 3 summarizes the energy savings the Multi-Family Market Rate Program achieved by path in 2025.

**Table 3. 2025 Annual Energy Savings Summary**

| Program Category | Program Path | Ex Ante Gross Savings (Therms) | Verified Gross RR* | Verified Gross Savings (Therms) | NTG† | NPSO‡ | Verified Net Savings (Therms) |
|---|---|---|---|---|---|---|---|
| Non-DAC | ASI | 125,125 | 100% | 122,125 | 0.98 | 1.048 | 128,509 |
| | CPOP | 207,593 | 100% | 207,578 | 0.98 | 1.048 | 213,190 |
| | Direct Install | 31,409 | 100% | 31,409 | 0.98 | 1.048 | 32,318 |
| | Prescriptive | 35,500 | 100% | 35,339 | 0.98 | 1.048 | 36,294 |
| ***Non-DAC Subtotal*** | | ***399,627*** | ***100%*** | ***399,450*** | | | ***410,312*** |
| DAC | ASI – DAC | 64,659 | 100% | 64,659 | 1.03 | N/A | 66,407 |
| | CPOP – DAC | 7,635 | 100% | 7,635 | 1.03 | N/A | 7,841 |
| | Prescriptive – DAC | 1,797 | 100% | 1,797 | 1.03 | N/A | 1,845 |
| ***DAC Subtotal*** | | ***74,090*** | ***100%*** | ***74,090*** | | | ***76,093*** |

| Program Category | Program Path | Ex Ante Gross Savings (Therms) | Verified Gross RR* | Verified Gross Savings (Therms) | NTG† | NPSO‡ | Verified Net Savings (Therms) |
|---|---|---|---|---|---|---|---|
| **Total or Weighted Average** | | **473,717** | **100%** | **473,540** | | | **486,405** |

*Note: Savings and realization rates presented in this table are subject to rounding and may not sum precisely to totals or reproduce verified savings.*
** Realization Rate (RR) is the ratio of verified gross savings to ex ante gross savings, based on evaluation research findings.*
*† The program path NTG value is calculated as Verified Net/Verified Gross. The program-level analysis typically used measure-level deemed NTG values (see Table 4), which are listed here: https://www.ilsag.info/evaluator-ntg-recommendations-for-2025.*
*‡ The market rate net savings were multiplied by a residential non-participant spillover (NPSO) factor of 1.048. Based on SAG Policy, if deemed NTG is multiplied by the NPSO and the resulted NTG value is less than 1.00, the evaluation assigned NTG of 1.00 to projects in DAC zones. If the resulted NTG value is >1.00, the evaluation used the >1.00 value for calculation of net savings impact (NPSO is marked as N/A in this case).*
*Source: Evaluation team analysis.*

# 4 Program Savings by Measure

The program includes 21 measures, as shown in Table 4. Pipe Insulation and Air Sealing measures contributed the most savings.

**Table 4. 2025 Annual Energy Savings by Measure**

| Program Category | Program Path | Savings Category | Ex Ante Gross Savings (Therms) | Verified Gross RR* | Verified Gross Savings (Therms) | NTG† | NSPO‡ | Verified Net Savings (Therms) |
|---|---|---|---|---|---|---|---|---|
| Non-DAC | ASI | Air Sealing | 49,513 | 100% | 49,513 | 0.98 | 1.048 | 50,234 |
| | | Attic Insulation | 6,694 | 100* | 46,694 | 0.98 | 1.048 | 6,875 |
| | | Duct Sealing | 68,918 | 100% | 68,918 | 0.98 | 1.048 | 70,781 |
| | | ***ASI Subtotal*** | ***125,125*** | ***100%*** | ***125,1254*** | | | ***128,509*** |
| | CPOP | Boiler Reset Controls | 7,128 | 100% | 7,128 | 0.98 | 1.048 | 7,321 |
| | | Boiler Tune Up | 24,393 | 100% | 24,393 | 0.98 | 1.048 | 25,053 |
| | | Controls for Domestic Hot Water | 54,800 | 100% | 54,800 | 0.98 | 1.048 | 56,282 |
| | | DHW Boiler Tune Up | 227 | 100% | 227 | 0.98 | 1.048 | 233 |
| | | DHW Tank Insulation | 2,809 | 100% | 2,809 | 0.98 | 1.048 | 2,885 |
| | | Pipe Insulation | 101,183 | 100% | 101,167 | 0.98 | 1.048 | 103,903 |
| | | Steam Boiler Averaging Controls | 1,733 | 100% | 1,733 | 0.98 | 1.048 | 1,780 |
| | | Steam Traps | 15,321 | 100% | 15,321 | 0.98 | 1.048 | 15,735 |

| Program Category | Program Path | Savings Category | Ex Ante Gross Savings (Therms) | Verified Gross RR* | Verified Gross Savings (Therms) | NTG† | NSPO‡ | Verified Net Savings (Therms) |
|---|---|---|---|---|---|---|---|---|
| | | ***CPOP Subtotal*** | ***207,593*** | ***100%*** | ***207,5782*** | | | ***213,190*** |
| | Direct Install | Low Flow Aerator (IU) | 90 | 100% | 90 | 1.25 | 1.048 | 118 |
| | | Low Flow Showerheads (IU) | 124 | 100% | 124 | 1.25 | 1.048 | 162 |
| | | Programmable Thermostats | 31,146 | 100% | 31,146 | 0.98 | 1.048 | 31,988 |
| | | Shower Timer | 49.09 | 100% | 49.08 | 0.98 | 1.048 | 50.41 |
| | | ***Direct Install Subtotal*** | ***31,409*** | ***100%*** | ***31,409*** | | | ***32,318*** |
| | Prescriptive | Boiler Tune Up | 848 | 100% | 848 | 0.98 | 1.048 | 871 |
| | | Boilers | 30,379 | 100% | 30,379 | 0.98 | 1.048 | 31,200 |
| | | High Efficiency Furnace | 248 | 100% | 247 | 0.98 | 1.048 | 254 |
| | | Pipe Insulation | 408 | 65% | 267 | 0.98 | 1.048 | 274 |
| | | Pool Covers | 3,595 | 100% | 3,595 | 0.98 | 1.048 | 3,692 |
| | | Water Heater | 23.27 | 16% | 4 | 0.98 | 1.048 | 4 |
| | | ***Prescriptive Subtotal*** | ***35,500*** | ***100%*** | ***35,339*** | | | ***36,294*** |
| ***Non-DAC Subtotal*** | | | ***399,627*** | ***100%*** | ***339,450*** | | | ***410,312*** |
| DAC | ASI | Air Sealing – DAC | 20,861 | 100% | 20,861 | 1.03 | N/A | 21,425 |
| | | Attic Insulation – DAC | 6,768 | 100% | 6,768 | 1.03 | N/A | 6,951 |
| | | Duct Sealing – DAC | 37,029 | 100% | 37,029 | 1.03 | N/A | 38,030 |
| | | ***ASI - DAC Subtotal*** | ***64,659*** | ***100%*** | ***64,659*** | | | ***66,407*** |
| | CPOP | Boiler Reset Controls – DAC | 470 | 100% | 470 | 1.03 | N/A | 483 |
| | | Boiler Tune Up – DAC | 5,777 | 100% | 5,777 | 1.03 | N/A | 5,933 |
| | | DHW Boiler Tune Up – DAC | 429 | 100% | 429 | 1.03 | N/A | 440 |
| | | Pipe Insulation – DAC | 959 | 100% | 959 | 1.03 | N/A | 985 |
| | | ***CPOP – DAC Subtotal*** | ***7,635*** | ***100%*** | ***7,635*** | | | ***7,841*** |

| Program Category | Program Path | Savings Category | Ex Ante Gross Savings (Therms) | Verified Gross RR* | Verified Gross Savings (Therms) | NTG† | NSPO‡ | Verified Net Savings (Therms) |
|---|---|---|---|---|---|---|---|---|
| | Prescriptive | Boilers – DAC | 509 | 100% | 509 | 1.03 | N/A | 523 |
| | | Pipe Insulation – DAC | 1,288 | 100% | 1,288 | 1.03 | N/A | 1,322 |
| | | ***Prescriptive – DAC Subtotal*** | ***1,797*** | ***100%*** | ***1,797*** | | | ***1,845*** |
| ***DAC Subtotal*** | | | ***74,090*** | ***100%*** | ***74,090*** | | | ***76,093*** |
| **Total or Weighted Average** | | | **473,717** | **100%** | **473,540** | | | **486,405** |

*Note: Savings and realization rates presented in this table are subject to rounding and may not sum precisely to totals or reproduce verified savings.*
** Realization Rate (RR) is the ratio of verified gross savings to ex ante gross savings, based on evaluation research findings.*
*† NTG, Net to Gross is the deemed value available on the SAG website: https://www.ilsag.info/evaluator-ntg-recommendations-for-2025/.*
*‡ The market-rate net savings were multiplied by a residential non-participant spillover (NPSO) factor of 1.048. Based on SAG Policy, for Disadvantaged communities (DAC projects), if deemed NTG is multiplied by the NPSO and the resulted NTG value is less than 1.00, the evaluation assigned a DAC NTG of 1.00. If the resulted NTG value is >1.00, evaluation used the >1.00 value for calculation of net savings impact.*
*Source: Evaluation team analysis*

# 5 Impact Analysis Findings and Recommendations

## 5.1 Impact Parameter Estimates

Table 5 shows the unit therm savings and realization rate findings by measure from our review. The realization rate is the ratio of the verified savings to the ex ante savings. Following the table, we provide findings and recommendations, including discussion of all measures with realization rates above or below 100%. Appendix A provides a description of the impact analysis methodology.

**Table 5. Verified Gross Savings Parameters**

| Measure | Unit Basis | Ex Ante Gross (therms/unit) | Verified Gross (therms/unit) | Realization Rate | IL-TRM v13.0 Section† |
|---|---|---|---|---|---|
| Air Sealing | LN FT | Varies | Varies | 100% | 5.6.1 |
| Air Sealing – Door Sweep | Unit | Varies | Varies | 100% | 5.6.1 |
| Attic Insulation | Unit | Varies | Varies | 100% | 5.6.5 |
| Boiler Reset Controls | SQ FT | Varies | Varies | 100% | 5.4.4 |
| Boiler Tune Up | Unit | Varies | Varies | 100% | 4.4.2 |
| Boilers | Unit | Varies | Varies | 100% | 4.4.10 |
| Controls for Domestic Hot Water | Unit | 62.70 | 62.70 | 100% | 4.3.8 |
| DHW Boiler Tune Up | Unit | Varies | Varies | 100% | 4.3.10 |

| Measure | Unit Basis | Ex Ante Gross (therms/unit) | Verified Gross (therms/unit) | Realization Rate | IL-TRM v13.0 Section† |
|---|---|---|---|---|---|
| DHW Tank Insulation | Unit | 3.84 | 3.84 | 100% | 4.3.12 |
| Duct Sealing | Unit | Varies | Varies | 100% | 5.3.4 |
| High Efficiency Furnace | Unit | Varies | Varies | 100% | 5.3.7 |
| Low Flow Aerator (IU) | Unit | Varies | Varies | 100% | 5.4.4 |
| Low Flow Showerheads (IU) | Unit | 12.36 | 12.36 | 100% | 5.4.5 |
| Pipe Insulation | Unit | Varies | Varies | 100% | 4.4.14 |
| Pool Covers | LN FT | 1.01 | 1.01 | 100% | 5.4.10 |
| Programmable Thermostats | SQ FT | 40.50 | 40.50 | 100% | 5.3.11 |
| Shower Timer | Unit | 3.78 | 3.78 | 100% | 5.4.9 |
| Steam Boiler Averaging Controls | Unit | Varies | Varies | 100% | 4.4.36 |
| Steam Traps | Unit | Varies | Varies | 100% | 4.4.16 |
| Water Heater | Unit | 23.27 | 3.67 | 16% | 4.3.1 |

*† State of Illinois Technical Reference Manual version 13.0 from http://www.ilsag.info/technical-reference-manual.html.*
*Source: Nicor Gas tracking data and evaluation team analysis*

## 5.2 Findings and Recommendations

The evaluation team developed several findings and recommendations based on the 2025 evaluation. The findings and recommendations are organized by path type in the following sections. The overall impact of these findings on the program is small, as the program achieved a 99% realization rate.

**Finding 1.** For one instance of *Pipe Insulation, Indoor Hot Water DHW* (MEA-2025.07.16-933412) measure, ex ante savings used a Thermal Regain Factor (TRF) of 0.84 applicable for indoor, semi-conditioned, and annual use installations, consistent with the IL-TRM v13.0. The tracking data reported that the measure was installed in an indoor, and conditioned space with annual use. The evaluation team applied TRF value of 0.55 based on the reported space type in the tracking data for calculating verified savings. This measure accounts for 1% of Prescriptive component's reported gross savings and this adjustment resulted in a RR of 65%.

> **Recommendation 1.** Ensure that the TRF values reported in the tracking data and used in the savings calculation align with the space type.

**Finding 2.** For one instance of *Pipe Insulation, Steam Small Fitting* (MEA-2025.05.27-916281), ex ante calculations used operating hours of heating system as 8,766 hours. However, the tracking data reported 4,963 hours. The evaluation team calculated verified savings using 4,963 operating hours, consistent with the tracking data. Pipe Insulation measures account for 49% of CPOP component's reported gross savings and the adjustment to this instance reduced the savings by 0.02%.

> **Recommendation 2.** Use the inputs reported in the tracking data to calculate savings.

**Finding 3.** For one instance of Water Heaters (MEA-2025.05.19-914441) ex ante calculations used a UEFgasbase value of 0.81, and UEFeff value of 96 to determine savings. The evaluation team used a UEFgasbase value of 0.81, and UEFeff value of 0.96 in ex post calculations, consistent with Section 4.3.1 of IL-TRM v.13.0. Water Heaters account for 0.07% of the Prescriptive component's reported gross savings and this adjustment resulted in a RR of 16%.

**Recommendation 3**. Ensure efficiency ratings are reported using consistent units and formatting across baseline and efficient cases.

**Finding 4.** For all instances of Air Sealing, the *savings factor* field that represents the quantity units lists "Unit" for all Air Sealing measures. The evaluation team adjusted the unit to "LN FT" based on section 5.6.1 of IL TRM v.13.0. For measures of Air Sealing- Door Sweep, measures units were kept as "Unit," based on section 5.6.1 of IL TRM v.13.0.

**Recommendation 4.** Ensure that ex ante savings factors are consistent with the units provided in the applicable IL TRM.

**Finding 5.** The NumberOfUnitsInBuilding field reflects building-level metadata rather than treated units, and therefore does not represent the number of dwelling units served for program reporting. In addition, the field is inconsistently populated across project types for the same building account, with differing unit counts observed for identical buildings (e.g., 4 units under Direct Install and 288 units under CPOP for the same building account number). As a result, the field cannot be used to reliably quantify dwelling units served.

**Recommendation 5.** Implement a clearly defined and consistently applied approach for tracking dwelling units served. A dedicated field should be introduced to capture treated units at the project level, aligned with program reporting needs. The existing NumberOfUnitsInBuilding field should be standardized as building-level reference data and validated to ensure consistency across project types for the same building account.

# Appendix A. Impact Analysis Methodology

The evaluation team used the same impact methodology for each component. Verified gross savings were determined for each program measure by:

- Reviewing the savings algorithm inputs in the measure workbook for agreement with the IL-TRM v13.0 and IL-TRM Errata, where applicable.
- Validating the savings algorithm was applied correctly.
- Cross-checking per-unit savings values in the program tracking data with the verified values in the measure workbook or in Guidehouse's calculations if the workbook did not agree with the IL-TRM v13.0.
- Multiplying the verified per-unit savings value by the quantity reported in the tracking data. The team calculated verified net savings by multiplying the verified gross savings estimates by an NTG ratio. In Program Year 2025, NTG estimates used to calculate the net verified savings were based on past evaluation research and defined by a consensus process through the Illinois SAG.
- Guidehouse sourced methodologies and assumptions from the Illinois IL-TRM v13.0 and the final 2025 tracking data.
- For MR Projects in DAC zones, the evaluation assigned a NTG 1.0 or greater due to the NPSO multiplier.

# Appendix B. Program Specific Inputs for the Illinois TRC

Table 6 hows the Total Resource Cost (TRC) cost-effectiveness analysis inputs available at the time of producing this impact evaluation report. Additional required cost data (e.g., measure costs, program level incentive and non-incentive costs) are not included in this table and will be provided to the evaluation team later. Guidehouse will include annual and lifetime water savings and greenhouse gas reductions in the end of year summary report.

**Table 6. Verified Cost Effectiveness Inputs**

| Program Category | Program Path | Savings Category | DAC Project* | Units | Quantity | Effective Useful Life | Early Replacement Flag | Verified Gross Annual Water Savings (Gallons) | Ex Ante Gross Savings (Therms) | Verified Gross Savings (Therms) | Verified Net Savings (Therms) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Non-DAC | ASI | Air Sealing | FALSE | LN FT | 125,494 | 20.00 | NO | - | 48,911 | 48,911 | 50,234 |
| | | Air Sealing – Door Sweep | FALSE | Unit | 95 | 20.00 | NO | - | 602 | 602 | 618 |
| | | Attic Insulation | FALSE | SQ FT | 81,452 | 30.00 | NO | - | 6,694 | 6,694 | 6,875 |
| | | Duct Sealing | FALSE | Unit | 268 | 19.72 | NO | - | 68,918 | 68,918 | 70,781 |
| | CPOP | Boiler Reset Controls | FALSE | Unit | 10 | 16.00 | NO | - | 7,128 | 7,128 | 7,321 |
| | | Boiler Tune Up | FALSE | Unit | 40 | 3.00 | NO | - | 24,393 | 24,393 | 25,053 |
| | | Controls for Domestic Hot Water | FALSE | Unit | 874 | 15.00 | NO | - | 54,800 | 54,800 | 56,282 |
| | | DHW Boiler Tune Up | FALSE | Unit | 6 | 3.00 | NO | - | 227 | 227 | 233 |
| | | DHW Tank Insulation | FALSE | Units | 732 | 15.00 | NO | - | 2,809 | 2,809 | 2,885 |
| | | Pipe Insulation | FALSE | LN FT | 25,035 | 15.00 | NO | - | 101,183 | 101,167 | 103,903 |
| | | Steam Boiler Averaging Controls | FALSE | Unit | 2 | 20.00 | NO | - | 1,733 | 1,733 | 1,780 |

| Program Category | Program Path | Savings Category | DAC Project* | Units | Quantity | Effective Useful Life | Early Replacement Flag | Verified Gross Annual Water Savings (Gallons) | Ex Ante Gross Savings (Therms) | Verified Gross Savings (Therms) | Verified Net Savings (Therms) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Steam Traps | FALSE | Unit | 102 | 6.00 | NO | 133,992 | 15,321 | 15,321 | 15,735 |
| | Direct Install | Low Flow Aerator (IU) | FALSE | Unit | 18 | 10.00 | NO | 4,129 | 90 | 90 | 118 |
| | | Low Flow Showerheads (IU) | FALSE | Unit | 10 | 10.00 | NO | 19,624 | 124 | 124 | 162 |
| | | Programmable Thermostats | FALSE | Unit | 769 | 8.00 | NO | - | 31,146 | 31,146 | 31,988 |
| | | Shower Timer | FALSE | Unit | 13 | 2.00 | NO | 7,854 | 49.09 | 49.08 | 50.41 |
| | Prescriptive | Boiler Tune Up | FALSE | Unit | 4 | 3.00 | NO | - | 848 | 848 | 871 |
| | | Boilers | FALSE | Unit | 22 | 25.00 | NO | - | 30,379 | 30,379 | 31,200 |
| | | High Efficiency Furnace | FALSE | Unit | 2 | 20.00 | NO | - | 248 | 247 | 254 |
| | | Pipe Insulation | FALSE | LN FT | 117 | 15.00 | NO | - | 408 | 267 | 274 |
| | | Pool Covers | FALSE | SQ FT | 3,559 | 6.00 | NO | 31,817 | 3,595 | 3,595 | 3,692 |
| | | Water Heater | FALSE | Unit | 1 | 20.00 | NO | - | 23.27 | 3.67 | 3.67 |
| DAC | ASI | Air Sealing – DAC | TRUE | LN FT | 56,382 | 20.00 | NO | - | 20,707 | 20,707 | 21,267 |
| | | Air Sealing – Door Sweep – DAC | TRUE | Unit | 24 | 20.00 | NO | - | 154 | 154 | 158 |
| | | Attic Insulation – DAC | TRUE | SQ FT | 18,415 | 30.00 | NO | - | 6,768 | 6,768 | 6,951 |
| | | Duct Sealing – DAC | TRUE | Unit | 179 | 19.72 | NO | - | 37,029 | 37,029 | 38,030 |
| | CPOP | Boiler Reset Controls – DAC | TRUE | Unit | 1 | 16.00 | NO | - | 470 | 470 | 483 |
| | | Boiler Tune Up – DAC | TRUE | Unit | 6 | 3.00 | NO | - | 5,777 | 5,777 | 5,933 |

| Program Category | Program Path | Savings Category | DAC Project* | Units | Quantity | Effective Useful Life | Early Replacement Flag | Verified Gross Annual Water Savings (Gallons) | Ex Ante Gross Savings (Therms) | Verified Gross Savings (Therms) | Verified Net Savings (Therms) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Prescriptive | DHW Boiler Tune Up – DAC | TRUE | Unit | 6 | 3.00 | NO | - | 429 | 429 | 440 |
| | | Pipe Insulation – DAC | TRUE | LN FT | 275 | 15.00 | NO | - | 959 | 959 | 985 |
| | | Boilers – DAC | TRUE | Unit | 1 | 25.00 | NO | - | 509 | 509 | 523 |
| | | Pipe Insulation – DAC | TRUE | Unit | 408 | 15.00 | NO | - | 1,288 | 1,288 | 1,322 |
| **Total or Weighted Average** | | | | | | **16.3** | | **210,998** | **473,717** | **473,540** | **486,405** |

*Source: Evaluation team analysis.*