

Home Energy Rebates Program Impact Evaluation Report

Energy Efficiency Plan: Program Year 2025

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

Prepared for:

Peoples Gas and North Shore Gas

PEOPLES GAS® | NORTH SHORE GAS®

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1 Introduction

This report presents the results of the impact evaluation of the Peoples Gas (PGL) and North Shore Gas (NSG) 2025 Home Energy Rebates program. It presents a summary of the energy impacts for the total program and broken out by relevant measure and program structure details. The appendix presents the impact analysis methodology. Program year 2025 covers January 1 to December 31, 2025.

2 Program Description

The Home Energy Rebate Program provides rebates to PGL and NSG residential customers who make certain energy-saving improvements to their homes. The program is composed of two distinct offerings: 1) replacement of HVAC and other equipment and 2) weatherization (Wx) improvements. The first offers incentives for customer-installed or contractor-installed energy efficient furnaces, boilers, water heaters, and programmable thermostats. The second offers incentives to trade ally-installed home insulation measures, such as air sealing and duct sealing. The program has worked with ComEd in previous years to process rebates for advanced thermostats and reimburse ComEd for the gas portion (“ComEd Marketplace”). In 2025, ComEd did not operate an online Marketplace, but the PGL and NSG program purchased the smart thermostats from ComEd’s retail and rebate channel offerings

The PGL program had 1,812 participants in 2025 and completed 1,959 projects as shown in Table 1.

Table 1. 2025 Volumetric Summary for PGL

Participation	Smart Thermostat Rebate	HVAC	Weatherization	Total
Participants *	718	903	191	1,812
Installed Projects †	720	1,103	136	1,959
Measure Types Installed ‡	1	5	5	10

* Participants are defined as the number of distinct account numbers with realized gas savings.

† Installed Projects represent the unique count of work orders completed.

‡ Measure types are defined as the number of distinct measure IDs with realized gas savings.

Source: Peoples Gas tracking data and evaluation team analysis.

Table 2 summarizes the installed measure quantities that are the basis for verified energy savings for PGL.

Table 2. 2025 Installed Measure Quantities for PGL

Program Path	Measure	Quantity Unit	Installed Quantity
Smart Thermostat Rebate	Advanced Thermostat	Unit	720
	Advanced Thermostat	Unit	360
HVAC	Gas High Efficiency Boiler	Unit	41
	Gas High Efficiency Furnace	Unit	726

Program Path	Measure	Quantity Unit	Installed Quantity
Weatherization	Gas Water Heater	Unit	60
	Programmable Thermostat	Unit	18
	Air Sealing	CFM*	148,958
	Ceiling/Attic Insulation	SQFT	122,217
	Duct Insulation and Sealing	CFM*	4,905
	Rim/Band Joist Insulation	SQFT	872
	Wall Insulation	SQFT	3,733

Source: Peoples Gas tracking data and evaluation team analysis.

* CFM denotes cubic feet per minute.

The NSG program had 1,192 participants in 2025 and completed 1,275 projects as shown in Table 3.

Table 3. 2025 Volumetric Summary for NSG

Participation	Smart Thermostat Rebate	HVAC	Weatherization	Total
Participants *	389	703	100	1,192
Installed Projects †	392	819	64	1,275
Measure Types Installed ‡	1	5	5	10

* Participants are defined as the number of distinct account numbers with realized gas savings.

† Installed Projects represent the unique count of work orders completed.

‡ Measure types are defined as the number of distinct measure IDs with realized gas savings.

Source: North Shore Gas tracking data and Guidehouse evaluation team analysis.

Table 4 summarizes the installed measure quantities that are the basis for verified energy savings for NSG.

Table 4. 2025 Installed Measure Quantities for NSG

Program Path	Measure	Quantity Unit	Installed Quantity
Smart Thermostat Rebate	Advanced Thermostat	Unit	392
HVAC	Advanced Thermostat	Unit	176
	Gas High Efficiency Boiler	Unit	20
	Gas High Efficiency Furnace	Unit	718
	Gas Water Heater	Unit	37
	Programmable Thermostat	Unit	6
Weatherization	Air Sealing	CFM*	91,096
	Ceiling/Attic Insulation	SQFT	74,320
	Duct Insulation and Sealing	CFM*	3,692
	Rim/Band Joist Insulation	SQFT	789
	Wall Insulation	SQFT	150

Source: North Shore Gas tracking data and Guidehouse evaluation team analysis.

* CFM denotes cubic feet per minute.

3 Program Savings Detail

Table 5 summarizes the energy savings the PGL Home Energy Rebates Program achieved by path in 2025.

Table 5. 2025 Annual Energy Savings Summary for PGL

Program Category	Program Path	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	NPSO‡	Verified Net Savings (Therms)
Non-Disadvantaged Communities	Smart Thermostat Rebate	40,385	1.01	40,657	0.95	1.083	41,829
	HVAC	164,898	1.00	164,853	0.76	1.083	135,436
	Weatherization	24,293	1.00	24,292	0.88	1.083	23,193
Non-DAC Subtotal		229,575	1.00	229,802			200,458
Disadvantaged Communities	Smart Thermostat Rebate	12,326	1.00	12,326	0.95	1.083	12,682
	HVAC	36,075	1.00	36,075	1.00	N/A	36,075
	Weatherization	7,242	1.00	7,242	1.00	N/A	7,242
DAC Subtotal		55,643	1.00	55,644			55,999
Total		285,219	1.00	285,445			256,458

Note: Savings and realization rates presented in this table are rounded and may not sum precisely to the total.

* Realization Rate (RR) is the ratio of verified gross savings to ex ante gross savings, based on evaluation research findings.

† The program-level 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 1.083. 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 (NPSO is shown as "N/A"). If the resulted NTG value is >1.00, the evaluation used the >1.00 value for calculation of net savings impact.

Source: Evaluation team analysis.

Table 6 summarizes the energy savings the NSG Home Energy Rebates Program achieved by path in 2025.

Table 6. 2025 Annual Energy Savings Summary for NSG

Program Category	Program Path	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	NPSO‡	Verified Net Savings (Therms)
Non-Disadvantaged Communities	Smart Thermostat Rebate	29,497	1.00	29,497	0.95	1.083	30,348
	HVAC	179,144	1.00	179,145	0.75	1.083	145,778
	Weatherization	18,690	1.00	18,690	0.88	1.083	17,848
Non-DAC Subtotal		227,332	1.00	227,333			193,974
Disadvantaged Communities	Smart Thermostat Rebate	2,218	1.00	2,218	0.95	1.083	2,282
	HVAC	5,257	1.00	5,241	1.00	N/A	5,241

Program Category	Program Path	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	NPSO‡	Verified Net Savings (Therms)
	Weatherization	690	1.00	690	1.00	N/A	690
DAC Subtotal		8,165	1.00	8,149			8,213
Total		235,497	1.00	235,482			202,187

Footnotes are defined similarly as found in Table 5.

Source: Evaluation team analysis.

4 Program Savings by Measure

The PGL program savings are presented by measure savings category in Table 7. The Furnaces and Smart Thermostats contributed the most savings.

Table 7. 2025 Annual Energy Savings by Measure for PGL

Program Category	Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	NPSO‡	Verified Net Savings (Therms)
Non-Disadvantaged Communities	Smart Thermostat Rebate	Smart Thermostat	40,385	1.01	40,657	0.95	1.083	41,829
		Boiler - DHW Two-In-One >=95% AFUE	3,149	0.99	3,103	0.74	1.083	2,487
		Boiler - HW <300MBtu, >=95% AFUE	3,757	1.00	3,757	0.74	1.083	3,011
	HVAC	Furnace >95% <97% Afue	66,891	1.00	66,892	0.74	1.083	53,609
		Furnace >= 97% Afue	66,192	1.00	66,192	0.74	1.083	53,047
		Indirect Water Heater, >=88% Afue	120	1.00	120	0.74	1.083	96.09
		Programmable Thermostat-Baseline Manual	419	1.00	419	0.74	1.083	336
		Smart Thermostat	20,433	1.00	20,434	0.89	1.083	19,695
		Tankless Water Heater>=0.95 UEF	3,936	1.00	3,936	0.74	1.083	3,154
		Air Sealing with Attic Insulation	2,596	1.00	2,596	0.88	1.083	2,474
	Weatherization	Air Sealing	6,112	1.00	6,112	0.88	1.083	5,825
		Attic Insulation	12,440	1.00	12,440	0.89	1.083	11,990
		Duct Sealing	2,724	1.00	2,724	0.87	1.083	2,567
		Foundation Insulation	47	1.00	47	0.74	1.083	37

Program Category	Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	NPSO‡	Verified Net Savings (Therms)	
		Wall Insulation	374	1.00	374	0.74	1.083	300	
Non-DAC Subtotal			229,575	1.00	229,802			200,458	
Disadvantaged Communities	Smart Thermostat Rebate	Smart Thermostat	12,326	1.00	12,326	0.95	1.083	12,682	
	HVAC	Boiler - DHW Two-In-One >=95% AFUE	787	1.00	787	1.00	N/A	787	
		Boiler - HW <300MBtu, >=95% AFUE	1,403	1.00	1,403	1.00	N/A	1,403	
		Boiler - Steam <=300MBH, >=82.5% AFUE	37	1.00	37	1.00	N/A	37	
		Furnace >95% <97% Afue	16,566	1.00	16,566	1.00	N/A	16,566	
		Furnace >= 97% Afue	11,905	1.00	11,905	1.00	N/A	11,905	
		Programmable Thermostat-Baseline Manual	150	1.00	150	1.00	N/A	150	
		Smart Thermostat	4,956	1.00	4,956	1.00	N/A	4,956	
		Tankless Water Heater>=0.95 UEF	271	1.00	271	1.00	N/A	271	
		Weatherization	Air Sealing with Attic Insulation	543	1.00	543	1.00	N/A	543
			Air Sealing	1,952	1.00	1,952	1.00	N/A	1,952
	Attic Insulation		3,877	1.00	3,877	1.00	N/A	3,877	
	Duct Sealing		808	1.00	808	1.00	N/A	808	
	Foundation Insulation		9	1.00	9	1.00	N/A	9	
	Wall Insulation		53	1.00	53	1.00	N/A	53	
	DAC Subtotal			55,643	1.00	55,644			55,999
	Total			285,219	1.00	285,445			256,458

Note: Savings and realization rates presented in this table are rounded and may not sum precisely to the totals.

* Realization Rate (RR) is the ratio of verified gross savings to ex ante gross savings, based on evaluation research findings.

† The program-level NTG values are calculated as Verified Net/Verified Gross. The program-level analysis typically used measure-level deemed NTG values, which are listed here: <https://www.ilsag.info/evaluator-ntg-recommendations-for-2025>.

‡ The market rate net savings were multiplied by a residential non-participant spillover (NPSO) factor of 1.083. Based on SAG Policy, if deemed NTG is multiplied by the NPSO and the resulting NTG value is less than 1.00, the evaluation assigned a 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 calculating the net savings impact (NPSO is marked as N/A in this case).

Source: Evaluation team analysis.

The NSG program savings are presented by measure savings category in Table 8. The Furnaces and Smart Thermostats contributed the most savings.

Table 8. 2025 Annual Energy Savings by Measure for NSG

Program Category	Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	NPSO‡	Verified Net Savings (Therms)
Non-Disadvantaged Communities	Smart Thermostat Rebate	Smart Thermostat	29,497	1.00	29,497	0.95	1.083	30,348
		Boiler - DHW Two-In-One >=95% AFUE	1,050	1.00	1,050	0.74	1.083	841
		Boiler - HW <300MBtu, 90 to 94.9% AFUE	511	1.00	511	0.74	1.083	409
		Boiler - HW <300MBtu, >=95% AFUE	2,484	1.00	2,484	0.74	1.083	1,990
		Boiler - Steam <=300MBH, >=82.5% AFUE	55	1.00	55	0.74	1.083	44
	HVAC	Furnace >95% <97% Afue	54,729	1.00	54,730	0.74	1.083	43,862
		Furnace >= 97% Afue	103,812	1.00	103,811	0.74	1.083	83,196
		Indirect Water Heater, >=88% Afue	67	1.00	67	0.74	1.083	53
		Programmable Thermostat-Baseline Manual	225	1.00	225	0.74	1.083	180
		Smart Thermostat	13,588	1.00	13,589	0.89	1.083	13,098
		Tankless Water Heater>=0.95 UEF	2,625	1.00	2,625	0.74	1.083	2,103
		Air Sealing with Attic Insulation	1,995	1.00	1,995	0.88	1.083	1,901
		Air Sealing	4,567	1.00	4,567	0.88	1.083	4,352
	Weatherization	Attic Insulation	8,044	1.00	8,044	0.89	1.083	7,754
		Duct Sealing	4,028	1.00	4,028	0.87	1.083	3,795
		Foundation Insulation	49	1.00	49	0.74	1.083	40
		Wall Insulation	7	1.00	7	0.74	1.083	5

Program Category	Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	NPSO‡	Verified Net Savings (Therms)
Non-DAC Subtotal			227,332	1.00	227,333			193,974
Disadvantaged Communities	Smart Thermostat Rebate	Smart Thermostat	2,218	1.00	2,218	0.95	1.083	2,282
	HVAC	Boiler - DHW Two-In-One >=95% AFUE	262	0.94	247	1.00	N/A	247
		Furnace >95% <97% Afue	2,936	1.00	2,936	1.00	N/A	2,936
		Furnace >= 97% Afue	1,667	1.00	1,667	1.00	N/A	1,667
		Smart Thermostat	317	1.00	317	1.00	N/A	317
		Tankless Water Heater>=0.95 UEF	75	1.00	75	1.00	N/A	75
	Weatherization	Air Sealing	266	1.00	266	1.00	N/A	266
		Attic Insulation	424	1.00	424	1.00	N/A	424
	DAC Subtotal			8,165	1.00	8,149		
Total			235,497	1.00	235,482			202,187

Footnotes are defined similarly as found in Table 7.

Source: Evaluation team analysis.

5 Impact Analysis Findings and Recommendations

Impact Parameter Estimates

Table 9 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 9. 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 with Attic Insulation	CFM	0.06	0.06	100%	5.6.1
Air Sealing	CFM	0.08	0.08	100%	5.6.1
Attic Insulation	SQFT	Varies	Varies	100%	5.6.5
Boiler - DHW Two-In-One >=95% AFUE	Unit	262.45	259.38	99%	5.3.17

Measure	Unit Basis	Ex Ante Gross (therms/unit)	Verified Gross (therms/unit)	Realization Rate	IL TRM v13.0 Section †
Boiler - HW <300MBtu, 90 to 94.9% AFUE	Unit	170.26	170.26	100%	5.3.6
Boiler - HW <300MBtu, >=95% AFUE	Unit	Varies	Varies	100%	5.3.6
Boiler - Steam <=300MBH, >=82.5% AFUE	Unit	18.36	18.36	100%	5.3.6
Duct Sealing	CFM	Varies	Varies	100%	5.3.4
Foundation Insulation	SQFT	0.06	0.06	100%	5.6.6
Furnace >95% <97% AFUE	Unit	209.69	209.69	100%	5.3.7
Furnace >= 97% AFUE	Unit	238.10	238.10	100%	5.3.7
Indirect Water Heater, >=88% AFUE	Unit	Varies	Varies	100%	5.4.2
Programmable Thermostat- Baseline Manual	Unit	Varies	Varies	100%	5.3.11
Smart Thermostat	Unit	Varies	Varies	100%	5.3.16
Tankless Water Heater>=0.95 UEF	Unit	Varies	Varies	100%	5.4.2
Wall Insulation	SQFT	Varies	Varies	100%	5.3.4

† State of Illinois Technical Reference Manual version 13.0 from <http://www.ilsag.info/technical-reference-manual.html>. Unit savings applies to both PGL and NSG.

Source: Program tracking data and evaluation team analysis.

5.1 Findings and Recommendations

Overall, the findings listed below had a minor impact on the savings, with the program-level realization rate being 100%.

Finding 1. Four Gas High Efficiency Combination Boiler records for multi-family units had a single-family household factor of 2.62 used in savings calculations. The affected work order IDs are a0PUp00000RmD6fMAF, a0PUp00000GZukTMAT, a0PUp00000MJ2JBMA1, and a0PUp00000VD8QwMA.

Recommendation 1. Guidehouse recommends selecting household factors based on unit type, consistent with IL TRM v13.

Finding 2. Four Smart Thermostat records from the Smart Thermostat Rebate program path reported zero savings and were not identified as duplicate or unclaimed measures. Guidehouse included savings for

these units in this evaluation. The affected work order IDs are COMED_97117, COMED_97845, COMED_97868, and COMED_SI_699256.

Recommendation 2. Savings flags and claim indicators for Smart Thermostat records should be reviewed to ensure they accurately reflect eligibility and savings status. Correctly marking these records will reduce the potential for misclassification in reported results.

Appendix A. Impact Analysis Methodology

The evaluation verified gross savings were determined for each program measure by:

- Reviewing the savings algorithm inputs in the final 2025 tracking data 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 Guidehouse's calculations.
- 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.
- The market rate net savings were multiplied by a residential non-participant spillover (NPSO) factor of 1.083. 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 (NPSO is shown as "N/A"). If the resulted NTG value is >1.00, the evaluation used the >1.00 value for calculation of net savings impact.

Appendix B. Program Specific Inputs for the Illinois TRC

The Table 10 and Table 11 below show 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 10. Verified Cost Effectiveness Inputs - PGL

Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Early Replacement Flag†	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
Smart Thermostat Rebate	Smart Thermostat	FALSE	Unit	554	11.00	NO	40,385	40,657	41,829
	Smart Thermostat	TRUE	Unit	166	11.00	NO	12,326	12,326	12,682
HVAC	Boiler - DHW Two-In-One >=95% AFUE	FALSE	Unit	12.00	21.50	YES	3,149	3,103	2,487
	Boiler - DHW Two-In-One >=95% AFUE	TRUE	Unit	3.00	21.50	YES	787	787	787
	Boiler - HW <300MBtu, >=95% AFUE	FALSE	Unit	18.00	25.00	YES	3,757	3,757	3,011
	Boiler - HW <300MBtu, >=95% AFUE	TRUE	Unit	7.00	25.00	YES	1,403	1,403	1,403
	Boiler - Steam <=300MBH, >=82.5% AFUE	TRUE	Unit	1.00	25.00	YES	36.71	36.71	36.71
	Furnace >95% <97% Afue	FALSE	Unit	319	20.00	YES	66,891	66,892	53,609
	Furnace >95% <97% Afue	TRUE	Unit	79.00	20.00	YES	16,566	16,566	16,566

Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Early Replacement Flag†	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
	Furnace >= 97% Afue	FALSE	Unit	278	20.00	YES	66,192	66,192	53,047
	Furnace >= 97% Afue	TRUE	Unit	50.00	20.00	YES	11,905	11,905	11,905
	Indirect Water Heater, >=88% Afue	FALSE	Unit	2.00	14.50	NO	120	120	96.09
	Programmable Thermostat-Baseline Manual	FALSE	Unit	13.00	16.00	NO	419	419	336
	Programmable Thermostat-Baseline Manual	TRUE	Unit	5.00	16.00	NO	150	150	150
	Smart Thermostat	FALSE	Unit	295	11.00	NO	20,433	20,434	19,695
	Smart Thermostat	TRUE	Unit	65.00	11.00	NO	4,956	4,956	4,956
	Tankless Water Heater>=0.95 UEF	FALSE	Unit	54.00	20.00	NO	3,936	3,936	3,154
	Tankless Water Heater>=0.95 UEF	TRUE	Unit	4.00	20.00	NO	271	271	271
Weatherization	Air Sealing with Attic Insulation	FALSE	CFM	41,729	20.00	NO	2,596	2,596	2,474
	Air Sealing with Attic Insulation	TRUE	CFM	8,725	20.00	NO	543	543	543
	Air Sealing	FALSE	CFM	74,661	20.00	NO	6,112	6,112	5,825
	Air Sealing	TRUE	CFM	23,843	20.00	NO	1,952	1,952	1,952
	Attic Insulation	FALSE	SQFT	92,966	30.00	NO	12,440	12,440	11,990
	Attic Insulation	TRUE	SQFT	29,251	30.00	NO	3,877	3,877	3,877
	Duct Sealing	FALSE	SQFT	4,093	20.00	NO	2,724	2,724	2,567
	Duct Sealing	TRUE	SQFT	812	20.00	NO	808	808	808
	Foundation Insulation	FALSE	SQFT	732	30.00	NO	46.66	46.67	37.40

Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Early Replacement Flag†	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
	Foundation Insulation	TRUE	SQFT	140	30.00	NO	9.22	9.22	9.22
	Wall Insulation	FALSE	SQFT	3,293	30.00	NO	374	374	300
	Wall Insulation	TRUE	SQFT	440	30.00	NO	53.33	53.33	53.33
Total or Weighted Average					18.22		285,219	285,445	256,458

Source: Evaluation team analysis.

Table 11. Verified Cost Effectiveness Inputs – NSG

Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Early Replacement Flag†	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
Smart Thermostat Rebate	Smart Thermostat	FALSE	Unit	366	11.00	NO	29,497	29,497	30,348
	Smart Thermostat	TRUE	Unit	26.00	11.00	NO	2,218	2,218	2,282
HVAC	Boiler - DHW Two-In-One >=95% AFUE	FALSE	Unit	4.00	21.50	YES	1,050	1,050	841
	Boiler - DHW Two-In-One >=95% AFUE	TRUE	Unit	1.00	21.50	YES	262	247	247
	Boiler - HW <300MBtu, 90 to 94.9% AFUE	FALSE	Unit	3.00	25.00	YES	511	511	409
	Boiler - HW <300MBtu, >=95% AFUE	FALSE	Unit	9.00	25.00	YES	2,484	2,484	1,990
	Boiler - Steam <=300MBH, >=82.5% AFUE	FALSE	Unit	3.00	25.00	YES	55.08	55.07	44.13
	Furnace >95% <97% Afue	FALSE	Unit	261	20.00	YES	54,729	54,730	43,862
	Furnace >95% <97% Afue	TRUE	Unit	14.00	20.00	YES	2,936	2,936	2,936
	Furnace >= 97% Afue	FALSE	Unit	436	20.00	YES	103,812	103,811	83,196
	Furnace >= 97% Afue	TRUE	Unit	7.00	20.00	YES	1,667	1,667	1,667
	Indirect Water Heater, >=88% Afue	FALSE	Unit	1.00	14.50	NO	66.70	66.70	53.45

Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Early Replacement Flag†	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
	Programmable Thermostat-Baseline Manual	FALSE	Unit	6.00	16.00	NO	225	225	180
	Smart Thermostat	FALSE	Unit	172	11.00	NO	13,588	13,589	13,098
	Smart Thermostat	TRUE	Unit	4.00	11.00	NO	317	317	317
	Tankless Water Heater>=0.95 UEF	FALSE	Unit	35.00	20.00	NO	2,625	2,625	2,103
	Tankless Water Heater>=0.95 UEF	TRUE	Unit	1.00	20.00	NO	75.43	75.43	75.43
Weatherization	Air Sealing with Attic Insulation	FALSE	CFM	32,067	20.00	NO	1,995	1,995	1,901
	Air Sealing	FALSE	CFM	55,784	20.00	NO	4,567	4,567	4,352
	Air Sealing	TRUE	CFM	3,245	20.00	NO	266	266	266
	Attic Insulation	FALSE	SQFT	71,290	30.00	NO	8,044	8,044	7,754
	Attic Insulation	TRUE	SQFT	3,030	30.00	NO	424	424	424
	Duct Sealing	FALSE	CFM	3,692	20.00	NO	4,028	4,028	3,795
	Foundation Insulation	FALSE	SQFT	789	30.00	NO	49.41	49.42	39.61
	Wall Insulation	FALSE	SQFT	150	30.00	NO	6.63	6.63	5.31
Total or Weighted Average					18.69		235,497	235,482	202,187

Source: Evaluation team analysis.