

Single Family Income Eligible 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 Single Family Income Eligible (SFIE) program. It presents a summary of the energy impacts for the total program and broken out by relevant measure and program structure details. The appendices present the impact analysis methodology and inputs for cost effectiveness analysis. Program year 2025 covers January 1 to December 31, 2025.

2 Program Description

The SFIE program offers installation of energy efficiency measures for qualifying homeowners with a household income at or below 80% of the area median income (AMI). Eligible measures include programmable and advanced thermostats, water efficiency devices, weatherization measures, pipe insulation, heating and cooling equipment, and custom energy-saving measures for eligible properties. The program also offers installation of health and safety measures, including vents, electrical repairs, and asbestos and mold remediation.

The SFIE program has four paths:

- The SFIE Retrofit offers no-cost direct install products and weatherization services for customers. The PGL and NSG Retrofit path is delivered jointly with ComEd through approved agencies or partners (e.g., Chicago Bungalow Association) that perform outreach and intake.
- The Single Family – Illinois Home Weatherization Assistance Program (IHWAP) is administered by ComEd, PGL, NSG, and Nicor Gas. Weatherization services are provided to low-income residents through local community action agencies.
- The Home Energy Assessment (HEA) path is administered by ComEd, Nicor Gas, PGL, and NSG (NSG has joint and gas only path). The HEA offers energy-saving products installed in homes at no-cost to the customer. Homeowners can reduce their energy and water use with the installation of products available to owners of single-family homes, two-flats, and individually metered condos and townhomes. Renters are also eligible with permission from their landlords.
- The SFIE HEA offer includes the Self-Assessment Program (SAP) where a customer completes an online survey and has a kit of products shipped to their home for direct installation.

The program had 2,801 PGL participants in 2025 and completed 2,812 projects as shown in Table 1.

Table 1. 2025 Volumetric Summary for PGL

Participation	HEA	IHWAP	Retrofits	SAP	Total
Participants *	2,146	49	475	131	2,801
Installed Projects †	2,153	49	479	131	2,812
Measure Types Installed ‡	9	16	15	8	20

* Participants are defined as unique gas account numbers.

† Installed Projects are defined as unique gas account numbers.

‡ Measure Types Installed are the distinct count of measures.

Source: Peoples Gas tracking data and Guidehouse 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
HEA	Advanced Thermostats	Unit	690
HEA	Air Handler Filter Cleaning/Replacement	Unit	1,488
HEA	Air Sealing - Method 2	Unit	1,421
HEA	Boiler Pipe Insulation	Unit	243
HEA	Domestic Hot Water Pipe Insulation	LN FT	2,754
HEA	Low Flow Faucet Aerators	Unit	1,021
HEA	Low Flow Showerheads	Unit	1,221
HEA	Programmable Thermostats	Unit	506
HEA	Water Heater Temperature Setback	Unit	1,580
IHWAP	Advanced Thermostats	Unit	15
IHWAP	Air Sealing - Method 1	Unit	49
IHWAP	Basement Sidewall Insulation	SQ FT	1,057
IHWAP	Ceiling/Attic Insulation	SQ FT	36,904
IHWAP	Domestic Hot Water Pipe Insulation	LN FT	419
IHWAP	Duct Insulation and Sealing	Unit	6
IHWAP	Floor Insulation Above Crawlspace	SQ FT	316
IHWAP	Gas High Efficiency Boiler	Unit	7
IHWAP	Gas High Efficiency Furnace	Unit	35
IHWAP	Gas Water Heater	Unit	26
IHWAP	Low Flow Faucet Aerators	Unit	21
IHWAP	Low Flow Showerheads	Unit	11
IHWAP	Programmable Thermostats	Unit	15
IHWAP	Residential Furnace Tune Up	Unit	1
IHWAP	Rim/Band Joist Insulation	Unit	371
IHWAP	Wall Insulation	SQ FT	39,837
Retrofits	Advanced Thermostats	Unit	21
Retrofits	Air Sealing - Method 1	Unit	195
Retrofits	Air Sealing - Method 2	Unit	45,158
Retrofits	Basement Sidewall Insulation	SQ FT	13,557
Retrofits	Ceiling/Attic Insulation	SQ FT	226,850

Program Path	Measure	Quantity Unit	Installed Quantity
Retrofits	Domestic Hot Water Pipe Insulation	LN FT	27
Retrofits	Duct Insulation and Sealing	Unit	43
Retrofits	Floor Insulation Above Crawlspace	SQ FT	1,896
Retrofits	Gas High Efficiency Boiler	Unit	8
Retrofits	Gas High Efficiency Furnace	Unit	16
Retrofits	Gas Water Heater	Unit	8
Retrofits	Programmable Thermostats	Unit	22
Retrofits	Residential Furnace Tune Up	Unit	81
Retrofits	Rim/Band Joist Insulation	Unit	5,097
Retrofits	Wall Insulation	SQ FT	257,024
SAP	Advanced Thermostats	Unit	67
SAP	Air Sealing - Method 2	Unit	174
SAP	Boiler Pipe Insulation	Unit	36
SAP	Domestic Hot Water Pipe Insulation	LN FT	192
SAP	Low Flow Faucet Aerators	Unit	272
SAP	Low Flow Showerheads	Unit	193
SAP	Programmable Thermostats	Unit	10
SAP	Water Heater Temperature Setback	Unit	31

Source: Peoples Gas tracking data and evaluation team analysis.

The program had 378 NSG participants in 2025 and completed 380 projects as shown in Table 3.

Table 3. 2025 Volumetric Summary for NSG

Participation	HEA - Joint	IHWAP	Retrofits	SAP	HEA - Gas Only	Total
Participants *	135	3	51	10	179	378
Installed Projects †	135	3	52	10	180	380
Measure Types Installed ‡	8	12	12	6	4	18

* Participants are defined as unique gas account numbers.

† Installed Projects are defined as unique gas account numbers.

‡ Measure Types Installed are the distinct count of measures.

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
HEA - Joint	Advanced Thermostats	Unit	48
HEA - Joint	Air Handler Filter Cleaning/Replacement	Unit	83
HEA - Joint	Air Sealing - Method 2	Unit	80
HEA - Joint	Domestic Hot Water Pipe Insulation	LN FT	162
HEA - Joint	Low Flow Faucet Aerators	Unit	79
HEA - Joint	Low Flow Showerheads	Unit	58
HEA - Joint	Programmable Thermostats	Unit	24

Program Path	Measure	Quantity Unit	Installed Quantity
HEA - Joint	Water Heater Temperature Setback	Unit	86
IHWAP	Advanced Thermostats	Unit	2
IHWAP	Air Sealing - Method 1	Unit	3
IHWAP	Basement Sidewall Insulation	SQ FT	120
IHWAP	Ceiling/Attic Insulation	SQ FT	344
IHWAP	Domestic Hot Water Pipe Insulation	LN FT	24
IHWAP	Gas High Efficiency Boiler	Unit	1
IHWAP	Gas High Efficiency Furnace	Unit	2
IHWAP	Gas Water Heater	Unit	2
IHWAP	Low Flow Faucet Aerators	Unit	2
IHWAP	Low Flow Showerheads	Unit	1
IHWAP	Rim/Band Joist Insulation	Unit	94
IHWAP	Wall Insulation	SQ FT	1,680
Retrofits	Advanced Thermostats	Unit	1
Retrofits	Air Sealing - Method 1	Unit	27
Retrofits	Air Sealing - Method 2	Unit	1,277
Retrofits	Basement Sidewall Insulation	SQ FT	2,824
Retrofits	Ceiling/Attic Insulation	SQ FT	31,683
Retrofits	Duct Insulation and Sealing	Unit	9
Retrofits	Gas High Efficiency Furnace	Unit	4
Retrofits	Gas Water Heater	Unit	3
Retrofits	Programmable Thermostats	Unit	1
Retrofits	Residential Furnace Tune Up	Unit	3
Retrofits	Rim/Band Joist Insulation	Unit	4,352
Retrofits	Wall Insulation	SQ FT	2,793
SAP	Advanced Thermostats	Unit	6
SAP	Air Sealing - Method 2	Unit	9
SAP	Domestic Hot Water Pipe Insulation	LN FT	12
SAP	Low Flow Faucet Aerators	Unit	16
SAP	Low Flow Showerheads	Unit	14
SAP	Water Heater Temperature Setback	Unit	3
HEA - Gas Only	Advanced Thermostats	Unit	1
HEA - Gas Only	Air Handler Filter Cleaning/Replacement	Unit	3
HEA - Gas Only	Air Sealing - Method 2	Unit	2
HEA - Gas Only	Water Heater Temperature Setback	Unit	1

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

3 Program Savings Detail

Table 5 summarizes the energy savings the PGL SFIE Program achieved by path in 2025.

Table 5. 2025 Annual Energy Savings Summary for PGL

Program Path	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	Verified Net Savings (Therms)
HEA	139,051	100%	139,048	1.00	139,048
IHWAP	40,568	100%	40,565	1.00	40,565
Retrofits	148,680	100%	148,775	1.00	148,775
SAP	7,620	99%	7,539	1.00	7,539
Total	335,919	100%	335,927	1.00	335,927

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.

† NTG, Net to Gross is the deemed value available on the SAG website: <https://www.ilsag.info/evaluator-ntg-recommendations-for-2025/>.

Source: Peoples Gas tracking data and evaluation team analysis.

Table 6 summarizes the energy savings the NSG SFIE Program achieved by path in 2025.

Table 6. 2025 Annual Energy Savings Summary for NSG

Program Path	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	Verified Net Savings (Therms)
HEA - Joint	7,751	100%	7,736	1.00	7,736
IHWAP	1,940	100%	1,940	1.00	1,940
Retrofits	10,609	100%	10,605	1.00	10,605
SAP	597	100%	596	1.00	596
HEA - Gas Only	156	100%	156	1.00	156
Total	21,053	100%	21,032	1.00	21,032

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.

† NTG, Net to Gross is the deemed value available on the SAG website: <https://www.ilsag.info/evaluator-ntg-recommendations-for-2025/>.

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

4 Program Savings by Measure

The PGL program savings are presented by measure savings category in Table 7. The Advanced Thermostats and Ceiling/Attic Insulation measures contributed the most savings.

Table 7. 2025 Annual Energy Savings by Measure for PGL

Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	Verified Net Savings (Therms)
HEA	Advanced Thermostats	55,220	100%	55,218	1.00	55,218
HEA	Air Handler Filter Cleaning/Replacement	11,725	100%	11,725	1.00	11,725
HEA	Air Sealing - Method 2	10,379	100%	10,379	1.00	10,379
HEA	Boiler Pipe Insulation	105	100%	105	1.00	105
HEA	Domestic Hot Water Pipe Insulation	5,237	100%	5,237	1.00	5,237

Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	Verified Net Savings (Therms)
HEA	Low Flow Faucet Aerators	5,123	100%	5,124	1.00	5,124
HEA	Low Flow Showerheads	12,255	100%	12,255	1.00	12,255
HEA	Programmable Thermostats	38,610	100%	38,610	1.00	38,610
HEA	Water Heater Temperature Setback	398	100%	397	1.00	397
IHWAP	Advanced Thermostats	1,325	100%	1,325	1.00	1,325
IHWAP	Air Sealing - Method 1	6,755	100%	6,755	1.00	6,755
IHWAP	Basement Sidewall Insulation	285	100%	285	1.00	285
IHWAP	Ceiling/Attic Insulation	8,201	100%	8,201	1.00	8,201
IHWAP	Domestic Hot Water Pipe Insulation	845	100%	845	1.00	845
IHWAP	Duct Insulation and Sealing	1,084	100%	1,081	1.00	1,081
IHWAP	Floor Insulation Above Crawlspace	45.29	100%	45.29	1.00	45.29
IHWAP	Gas High Efficiency Boiler	3,336	100%	3,336	1.00	3,336
IHWAP	Gas High Efficiency Furnace	12,214	100%	12,215	1.00	12,215
IHWAP	Gas Water Heater	1,309	100%	1,309	1.00	1,309
IHWAP	Low Flow Faucet Aerators	48.84	100%	48.84	1.00	48.84
IHWAP	Low Flow Showerheads	23.31	100%	23.31	1.00	23.31
IHWAP	Programmable Thermostats	1,047	100%	1,047	1.00	1,047
IHWAP	Residential Furnace Tune Up	10.58	100%	10.58	1.00	10.58
IHWAP	Rim/Band Joist Insulation	57.92	100%	57.92	1.00	57.92
IHWAP	Wall Insulation	3,980	100%	3,980	1.00	3,980
Retrofits	Advanced Thermostats	1,663	100%	1,663	1.00	1,663
Retrofits	Air Sealing - Method 1	35,890	100%	35,890	1.00	35,890
Retrofits	Air Sealing - Method 2	20,379	100%	20,379	1.00	20,379
Retrofits	Basement Sidewall Insulation	1,293	100%	1,293	1.00	1,293
Retrofits	Ceiling/Attic Insulation	43,676	100%	43,676	1.00	43,676
Retrofits	Domestic Hot Water Pipe Insulation	54.43	100%	54.43	1.00	54.43
Retrofits	Duct Insulation and Sealing	3,473	103%	3,585	1.00	3,585
Retrofits	Floor Insulation Above Crawlspace	266	100%	266	1.00	266
Retrofits	Gas High Efficiency Boiler	1,580	100%	1,580	1.00	1,580
Retrofits	Gas High Efficiency Furnace	3,599	100%	3,599	1.00	3,599
Retrofits	Gas Water Heater	262	100%	262	1.00	262
Retrofits	Programmable Thermostats	1,486	100%	1,486	1.00	1,486
Retrofits	Residential Furnace Tune Up	2,263	99%	2,246	1.00	2,246
Retrofits	Rim/Band Joist Insulation	535	100%	535	1.00	535
Retrofits	Wall Insulation	32,259	100%	32,259	1.00	32,259
SAP	Advanced Thermostats	4,289	100%	4,287	1.00	4,287
SAP	Air Sealing - Method 2	864	100%	864	1.00	864

Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	Verified Net Savings (Therms)
SAP	Boiler Pipe Insulation	16.46	100%	16.46	1.00	16.46
SAP	Domestic Hot Water Pipe Insulation	387	100%	387	1.00	387
SAP	Low Flow Faucet Aerators	799	96%	768	1.00	768
SAP	Low Flow Showerheads	772	94%	724	1.00	724
SAP	Programmable Thermostats	484	100%	484	1.00	484
SAP	Water Heater Temperature Setback	7.80	100%	7.80	1.00	7.80
Total		335,919	100%	335,927	1.00	335,927

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

Source: Peoples Gas tracking data and evaluation team analysis.

The NSG program savings are presented by measure savings category in Table 8. The Advanced Thermostats and Air Sealing – Method 1 measures contributed the most savings.

Table 8. 2025 Annual Energy Savings by Measure for NSG

Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	Verified Net Savings (Therms)
HEA - Joint	Advanced Thermostats	3,456	100%	3,456	1.00	3,456
HEA - Joint	Air Handler Filter Cleaning/Replacement	658	100%	658	1.00	658
HEA - Joint	Air Sealing - Method 2	584	100%	584	1.00	584
HEA - Joint	Domestic Hot Water Pipe Insulation	308	100%	308	1.00	308
HEA - Joint	Low Flow Faucet Aerators	284	100%	285	1.00	285
HEA - Joint	Low Flow Showerheads	640	98%	626	1.00	626
HEA - Joint	Programmable Thermostats	1,796	100%	1,797	1.00	1,797
HEA - Joint	Water Heater Temperature Setback	21.65	100%	21.65	1.00	21.65
IHWAP	Advanced Thermostats	190	100%	190	1.00	190
IHWAP	Air Sealing - Method 1	667	100%	667	1.00	667
IHWAP	Basement Sidewall Insulation	113	100%	113	1.00	113
IHWAP	Ceiling/Attic Insulation	47.59	100%	47.59	1.00	47.59
IHWAP	Domestic Hot Water Pipe Insulation	49.89	100%	49.89	1.00	49.89
IHWAP	Gas High Efficiency Boiler	230	100%	230	1.00	230
IHWAP	Gas High Efficiency Furnace	315	100%	315	1.00	315

Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG†	Verified Net Savings (Therms)
IHWAP	Gas Water Heater	56.99	100%	56.99	1.00	56.99
IHWAP	Low Flow Faucet Aerators	8.11	100%	8.11	1.00	8.11
IHWAP	Low Flow Showerheads	2.39	100%	2.39	1.00	2.39
IHWAP	Rim/Band Joist Insulation	15.82	100%	15.82	1.00	15.82
IHWAP	Wall Insulation	245	100%	245	1.00	245
Retrofits	Advanced Thermostats	71.36	100%	71.36	1.00	71.36
Retrofits	Air Sealing - Method 1	3,355	100%	3,356	1.00	3,356
Retrofits	Air Sealing - Method 2	531	100%	531	1.00	531
Retrofits	Basement Sidewall Insulation	434	100%	434	1.00	434
Retrofits	Ceiling/Attic Insulation	2,929	100%	2,929	1.00	2,929
Retrofits	Duct Insulation and Sealing	1,159	100%	1,161	1.00	1,161
Retrofits	Gas High Efficiency Furnace	661	100%	661	1.00	661
Retrofits	Gas Water Heater	108	100%	108	1.00	108
Retrofits	Programmable Thermostats	62.31	100%	62.31	1.00	62.31
Retrofits	Residential Furnace Tune Up	175	96%	169	1.00	169
Retrofits	Rim/Band Joist Insulation	806	100%	806	1.00	806
Retrofits	Wall Insulation	317	100%	317	1.00	317
SAP	Advanced Thermostats	415	100%	414	1.00	414
SAP	Air Sealing - Method 2	44.70	100%	44.70	1.00	44.70
SAP	Domestic Hot Water Pipe Insulation	24.19	100%	24.19	1.00	24.19
SAP	Low Flow Faucet Aerators	51.98	100%	51.79	1.00	51.79
SAP	Low Flow Showerheads	60.52	100%	60.31	1.00	60.31
SAP	Water Heater Temperature Setback	0.79	95%	0.76	1.00	0.76
HEA - Gas Only	Advanced Thermostats	103	100%	103	1.00	103
HEA - Gas Only	Air Handler Filter Cleaning/ Replacement	38.68	100%	38.68	1.00	38.68
HEA - Gas Only	Air Sealing - Method 2	14.61	100%	14.61	1.00	14.61
HEA - Gas Only	Water Heater Temperature Setback	0.25	100%	0.25	1.00	0.25
Total or Weighted Average		21,053	100%	21,032	1.00	21,032

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

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

5 Impact Analysis Findings and Recommendations

5.1 Impact Parameter Estimates

Table 9 shows the unit per 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†
Advanced Thermostats	Unit	78.42	78.41	100%	5.3.16
Air Handler Filter Cleaning/Replacement	Unit	7.89	7.89	100%	5.3.10
Air Sealing - Method 1	Unit	170.32	170.32	100%	5.6.1
Air Sealing - Method 2	Unit	0.68	0.68	100%	5.6.1
Basement Sidewall Insulation	SQ FT	0.12	0.12	100%	5.6.2
Boiler Pipe Insulation	Unit	0.43	0.43	100%	5.3.2
Ceiling/Attic Insulation	SQ FT	0.19	0.19	100%	5.6.5
Domestic Hot Water Pipe Insulation	LN FT	1.92	1.92	100%	5.4.1
Duct Insulation and Sealing	Unit	98.55	100.46	102%	5.3.4
Floor Insulation Above Crawlspace	SQ FT	0.14	0.14	100%	5.6.3
Gas High Efficiency Boiler	Unit	321.65	321.65	100%	5.3.6
Gas High Efficiency Furnace	Unit	294.53	294.54	100%	5.3.7
Gas Water Heater	Unit	44.54	44.54	100%	5.4.2
Low Flow Faucet Aerators	Unit	4.48	4.45	100%	5.4.4
Low Flow Showerheads	Unit	9.18	9.14	100%	5.4.5
Programmable Thermostats	Unit	75.24	75.24	100%	5.3.11
Residential Furnace Tune Up	Unit	28.81	28.54	99%	5.3.13
Rim/Band Joist Insulation	Unit	0.14	0.14	100%	5.6.6
Wall Insulation	SQ FT	0.12	0.12	100%	5.6.4
Water Heater Temperature Setback	Unit	0.25	0.25	100%	5.4.6

Source: Program Tracking Data (PTD) provided by Peoples and North Shore Gas, extract dated January 30, 2026 and Evaluation analysis.

† State of Illinois Technical Reference Manual version 13.0 from <http://www.ilsag.info/technical-reference-manual.html>.

5.2 Findings and Recommendations

Finding 1. The tracking data did not include values for the Pre Duct Sealing Heating System Efficiency (η_{System}) input for Duct Insulation and Sealing measures. The evaluation team used the IL TRM v13 default

value 0.7 for η_{System} , however 37 out of the 58 Duct Insulation and Sealing measures have ex ante savings that do not reflect this value, with a realization rate between 54% and 137%.

Recommendation 1. Ensure the tracking data includes η_{System} values used to calculate ex-ante savings.

Appendix A. Impact Analysis Methodology

Impact Analysis Supplemental Information

The evaluation team determined the verified gross savings for each program measure by the following methodology:

- Reviewing the savings algorithm inputs in the measure workbook with the IL TRM v13 and IL -TRM Errata, when applicable.
- Referencing Resource Innovation’s SFHU Savings Calculator to validate the savings algorithm was applied correctly.
- Cross-checking ComEd’s 2025 year-end data to validate missing data.
- 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. Through the ILSAG consensus process, an NTG ratio of 1.0 was established for Income Eligible programs in Illinois.

Appendix B. Program Specific Inputs for the Illinois TRC

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	Replacement Flag†	Verified Gross Annual Water Savings (Gallons)	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
HEA	Advanced Thermostats	FALSE	Unit	690	11.00	NO		55,220	55,218	55,218
HEA	Air Handler Filter Cleaning/Replacement	FALSE	Unit	1,488	3.00	NO		11,725	11,725	11,725
HEA	Air Sealing - Method 2	FALSE	Unit	1,421	20.00	YES		10,379	10,379	10,379
HEA	Boiler Pipe Insulation	FALSE	Unit	243	11.00	YES		105	105	105
HEA	Domestic Hot Water Pipe Insulation	FALSE	Ln Ft	2,754	15.00	NO		5,237	5,237	5,237
HEA	Low Flow Faucet Aerators	FALSE	Unit	1,021	10.00	NO	1,161,100	5,123	5,124	5,124
HEA	Low Flow Showerheads	FALSE	Unit	1,221	10.00	NO	2,269,502	12,255	12,255	12,255
HEA	Programmable Thermostats	FALSE	Unit	506	16.00	YES		38,610	38,610	38,610
HEA	Water Heater Temperature Setback	FALSE	Unit	1,580	2.00	NO		398	397	397
IHWAP	Advanced Thermostats	FALSE	Unit	15.00	11.00	NO		1,325	1,325	1,325
IHWAP	Air Sealing - Method 1	FALSE	Unit	49.00	20.00	YES		6,755	6,755	6,755
IHWAP	Basement Sidewall Insulation	FALSE	Sq Ft	1,057	30.00	YES		285	285	285
IHWAP	Ceiling/Attic Insulation	FALSE	Sq Ft	36,904	30.00	YES		8,201	8,201	8,201
IHWAP	Domestic Hot Water Pipe Insulation	FALSE	Ln Ft	419	15.00	NO		845	845	845
IHWAP	Duct Insulation and Sealing	FALSE	Unit	6.00	20.00	YES		1,084	1,081	1,081

Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Replacement Flag†	Verified Gross Annual Water Savings (Gallons)	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
IHWAP	Floor Insulation Above Crawlspace	FALSE	Sq Ft	316	30.00	YES		45.29	45.29	45.29
IHWAP	Gas High Efficiency Boiler	FALSE	Unit	7.00	25.00	YES		3,336	3,336	3,336
IHWAP	Gas High Efficiency Furnace	FALSE	Unit	35.00	20.00	YES		12,214	12,215	12,215
IHWAP	Gas Water Heater	FALSE	Unit	26.00	14.50	YES		1,309	1,309	1,309
IHWAP	Low Flow Faucet Aerators	FALSE	Unit	21.00	10.00	NO	11,428	48.84	48.84	48.84
IHWAP	Low Flow Showerheads	FALSE	Unit	11.00	10.00	NO	4,317	23.31	23.31	23.31
IHWAP	Programmable Thermostats	FALSE	Unit	15.00	16.00	YES		1,047	1,047	1,047
IHWAP	Residential Furnace Tune Up	FALSE	Unit	1.00	3.00	NO		10.58	10.58	10.58
IHWAP	Rim/Band Joist Insulation	FALSE	Unit	371	30.00	YES		57.92	57.92	57.92
IHWAP	Wall Insulation	FALSE	Sq Ft	39,837	30.00	YES		3,980	3,980	3,980
Retrofits	Advanced Thermostats	FALSE	Unit	21.00	11.00	NO		1,663	1,663	1,663
Retrofits	Air Sealing - Method 1	FALSE	Unit	195	20.00	YES		35,890	35,890	35,890
Retrofits	Air Sealing - Method 2	FALSE	Unit	45,158	20.00	NO		20,379	20,379	20,379
Retrofits	Basement Sidewall Insulation	FALSE	Sq Ft	13,557	30.00	YES		1,293	1,293	1,293
Retrofits	Ceiling/Attic Insulation	FALSE	Sq Ft	226,850	30.00	YES		43,676	43,676	43,676
Retrofits	Domestic Hot Water Pipe Insulation	FALSE	Ln Ft	27.00	15.00	NO		54.43	54.43	54.43
Retrofits	Duct Insulation and Sealing	FALSE	Unit	43.00	20.00	YES		3,473	3,585	3,585
Retrofits	Floor Insulation Above Crawlspace	FALSE	Sq Ft	1,896	30.00	YES		266	266	266
Retrofits	Gas High Efficiency Boiler	FALSE	Unit	8.00	25.00	NO		1,580	1,580	1,580
Retrofits	Gas High Efficiency Furnace	FALSE	Unit	16.00	20.00	NO		3,599	3,599	3,599
Retrofits	Gas Water Heater	FALSE	Unit	8.00	14.50	YES		262	262	262
Retrofits	Programmable Thermostats	FALSE	Unit	22.00	16.00	YES		1,486	1,486	1,486
Retrofits	Residential Furnace Tune Up	FALSE	Unit	81.00	3.00	NO		2,263	2,246	2,246
Retrofits	Rim/Band Joist Insulation	FALSE	Unit	5,097	30.00	YES		535	535	535
Retrofits	Wall Insulation	FALSE	Sq Ft	257,024	30.00	YES		32,259	32,259	32,259

Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Replacement Flag†	Verified Gross Annual Water Savings (Gallons)	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
SAP	Advanced Thermostats	FALSE	Unit	67.00	11.00	NO		4,289	4,287	4,287
SAP	Air Sealing - Method 2	FALSE	Unit	174	20.00	NO		864	864	864
SAP	Boiler Pipe Insulation	FALSE	Unit	36.00	11.00	YES		16.46	16.46	16.46
SAP	Domestic Hot Water Pipe Insulation	FALSE	Ln Ft	192	15.00	NO		387	387	387
SAP	Low Flow Faucet Aerators	FALSE	Unit	272	10.00	NO	184,630	799	768	768
SAP	Low Flow Showerheads	FALSE	Unit	193	10.00	NO	142,966	772	724	724
SAP	Programmable Thermostats	FALSE	Unit	10.00	16.00	YES		484	484	484
SAP	Water Heater Temperature Setback	FALSE	Unit	31.00	2.00	NO		7.80	7.80	7.80
Total or Weighted Average					19.16		3,773,943	335,919	335,927	335,927

Source: Peoples Gas tracking data and evaluation team analysis.

Table 11. Verified Cost Effectiveness Inputs – NSG

Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Replacement Flag†	Verified Gross Annual Water Savings (Gallons)	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
HEA - Joint	Advanced Thermostats	FALSE	Unit	48.00	11.00	NO		3,456	3,456	3,456
HEA - Joint	Air Handler Filter Cleaning/Replacement	FALSE	Unit	83.00	3.00	NO		658	658	658
HEA - Joint	Air Sealing - Method 2	FALSE	Unit	80.00	20.00	NO		584	584	584
HEA - Joint	Domestic Hot Water Pipe Insulation	FALSE	LN FT	162	15.00	NO		308	308	308
HEA - Joint	Low Flow Faucet Aerators	FALSE	Unit	79.00	10.00	NO	66,277	285	285	285
HEA - Joint	Low Flow Showerheads	FALSE	Unit	58.00	10.00	NO	118,656	641	626	626
HEA - Joint	Programmable Thermostats	FALSE	Unit	24.00	16.00	YES		1,797	1,797	1,797

Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Replacement Flag†	Early	Verified Gross Annual Water Savings (Gallons)	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
HEA - Joint	Water Heater Temperature Setback	FALSE	Unit	86.00	2.00	NO			21.65	21.65	21.65
IHWAP	Advanced Thermostats	FALSE	Unit	2.00	11.00	NO			190	190	190
IHWAP	Air Sealing - Method 1	FALSE	Unit	3.00	20.00	YES			667	667	667
IHWAP	Basement Sidewall Insulation	FALSE	SQ FT	120	30.00	YES			113	113	113
IHWAP	Ceiling/Attic Insulation	FALSE	SQ FT	344	30.00	YES			47.59	47.59	47.59
IHWAP	Domestic Hot Water Pipe Insulation	FALSE	LN FT	24.00	15.00	NO			49.89	49.89	49.89
IHWAP	Gas High Efficiency Boiler	FALSE	Unit	1.00	25.00	NO			230	230	230
IHWAP	Gas High Efficiency Furnace	FALSE	Unit	2.00	20.00	NO			315	315	315
IHWAP	Gas Water Heater	FALSE	Unit	2.00	14.50	YES			56.99	56.99	56.99
IHWAP	Low Flow Faucet Aerators	FALSE	Unit	2.00	10.00	NO		1,834	8.11	8.11	8.11
IHWAP	Low Flow Showerheads	FALSE	Unit	1.00	10.00	NO		442	2.39	2.39	2.39
IHWAP	Rim/Band Joist Insulation	FALSE	Unit	94.00	30.00	YES			15.82	15.82	15.82
IHWAP	Wall Insulation	FALSE	SQ FT	1,680	30.00	YES			245	245	245
Retrofits	Advanced Thermostats	FALSE	Unit	1.00	11.00	NO			71.36	71.36	71.36
Retrofits	Air Sealing - Method 1	FALSE	Unit	27.00	20.00	YES			3,356	3,356	3,356
Retrofits	Air Sealing - Method 2	FALSE	Unit	1,277	20.00	NO			531	531	531
Retrofits	Basement Sidewall Insulation	FALSE	SQ FT	2,824	30.00	YES			434	434	434
Retrofits	Ceiling/Attic Insulation	FALSE	SQ FT	31,683	30.00	YES			2,929	2,929	2,929
Retrofits	Duct Insulation and Sealing	FALSE	Unit	9.00	20.00	NO			1,159	1,161	1,161
Retrofits	Gas High Efficiency Furnace	FALSE	Unit	4.00	20.00	NO			661	661	661
Retrofits	Gas Water Heater	FALSE	Unit	3.00	14.50	YES			108	108	108
Retrofits	Programmable Thermostats	FALSE	Unit	1.00	16.00	YES			62.31	62.31	62.31
Retrofits	Residential Furnace Tune Up	FALSE	Unit	3.00	3.00	NO			175	169	169
Retrofits	Rim/Band Joist Insulation	FALSE	Unit	4,352	30.00	YES			806	806	806

Program Path	Savings Category	DAC Project Units	Quantity	Effective Useful Life	Replacement Flag†	Verified Gross Annual Water Savings (Gallons)	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
Retrofits	Wall Insulation	FALSE	SQ FT	2,793	30.00	YES	317	317	317
SAP	Advanced Thermostats	FALSE	Unit	6.00	11.00	NO	415	414	414
SAP	Air Sealing - Method 2	FALSE	Unit	9.00	20.00	NO	44.70	44.70	44.70
SAP	Domestic Hot Water Pipe Insulation	FALSE	LN FT	12.00	15.00	NO	24.19	24.19	24.19
SAP	Low Flow Faucet Aerators	FALSE	Unit	16.00	10.00	NO	11,602	51.98	51.79
SAP	Low Flow Showerheads	FALSE	Unit	14.00	10.00	NO	10,371	60.52	60.31
SAP	Water Heater Temperature Setback	FALSE	Unit	3.00	2.00	NO	0.80	0.76	0.76
HEA - Gas Only	Advanced Thermostats	FALSE	Unit	1.00	11.00	NO	103	103	103
HEA - Gas Only	Air Handler Filter Cleaning/Replacement	FALSE	Unit	3.00	3.00	NO	38.68	38.68	38.68
HEA - Gas Only	Air Sealing - Method 2	FALSE	Unit	2.00	20.00	NO	14.61	14.61	14.61
HEA - Gas Only	Water Heater Temperature Setback	FALSE	Unit	1.00	2.00	NO	0.25	0.25	0.25
Total or Weighted Average				18.88		209,182	21,053	21,032	21,032

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

Appendix C. Equity and Affordability Reporting Metrics

The tables below present evaluator reporting metrics, consistent with the Income-Qualified Single Family Equity and Affordability Reporting Principles Policy in Section 6.10 of Policy Manual Version 3.0¹.

Table 12. 2025 Equity and Affordability Reporting Metric for PGL

Component	Metric	
SFIE - PGL	Total number of IQ single family whole building program participants	2,801
	Total number of IQ single family whole building program participants adopting air sealing	1,108
	Total number of IQ single family whole building program participants adopting insulation	345
	Total number of IQ single family whole building program participants with electric resistant heating adopting heat pumps	17
	Total number of IQ single family whole building program participants with fossil fuel heating adopting heat pumps	3
	Total number of IQ single family whole building program participants adopting heat pump water heaters	0
	Total number of IQ single family whole building program participants with fossil fuel heating or hot water systems replaced with another fossil fuel system	2,496

Source: Peoples Gas tracking data and Guidehouse evaluation team analysis.

Table 13. 2025 Equity and Affordability Reporting Metric for NSG

Component	Metric	
SFIE - NSG	Total number of IQ single family whole building program participants	378
	Total number of IQ single family whole building program participants adopting air sealing	71
	Total number of IQ single family whole building program participants adopting insulation	31
	Total number of IQ single family whole building program participants with electric resistant heating adopting heat pumps	2
	Total number of IQ single family whole building program participants with fossil fuel heating adopting heat pumps	0
	Total number of IQ single family whole building program participants adopting heat pump water heaters	0
	Total number of IQ single family whole building program participants with fossil fuel heating or hot water systems replaced with another fossil fuel system	158

¹ https://www.ilsag.info/wp-content/uploads/Equity-and-Affordability-Reporting-Policy-Metrics_FINAL_updated-9-8-2025.pdf

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