

|  |  |
| --- | --- |
|  | Energy Education Outreach Impact Evaluation ReportEnergy Efficiency Plan: Program Year 2023 (1/1/2023-12/31/2023) |
|  | Prepared for: Peoples Gas and North Shore GasDRAFT**March 14, 2024** |
|  | **Prepared by:**

|  |  |  |
| --- | --- | --- |
| Himanshu Haridas EcoMetric | Dan Peppler EcoMetric | Kyle McKenna EcoMetric |

 |
|  | EcoMetric**guidehouse.com** |  |
|  |  |  |  |  |

**Submitted to:**

Peoples Gas

North Shore Gas

200 East Randolph Street

Chicago, IL 60601

**Submitted by:**

Guidehouse

150 N. Riverside Plaza, Suite 2100

Chicago, IL 60606

**Contact:**

|  |  |  |  |
| --- | --- | --- | --- |
| Ed Balbis Partner 561.644.9407  **ebalbis@guidehouse.com**Charles AmpongAssociate Director608.446.3172**charles.ampong@guidehouse.com** | Stu Slote Director 802.526.5113 **stu.slote@guidehouse.com** | Laura Agapay-ReadAssociate Director312.583.4178**laura.agapay.read@guidehouse.com** |  |

Disclaimer: This report was prepared by Guidehouse for Peoples Gas Light and Coke Company (“PGL”) and North Shore Gas Company (“NSG”) based upon information provided by PGL and NSG and from other sources. Use of this report by any other party for whatever purpose should not, and does not, absolve such party from using due diligence in verifying the report’s contents. Neither Guidehouse nor any of its subsidiaries or affiliates assumes any liability or duty of care to such parties, and hereby disclaims any such liability.

.

Table of Contents

[1. Introduction 1](#_Toc161213913)

[2. Program Description 1](#_Toc161213914)

[3. Program Savings Detail 3](#_Toc161213915)

[4. Program Savings by Measure 4](#_Toc161213916)

[5. Impact Analysis Findings and Recommendations 6](#_Toc161213917)

[5.1 Impact Parameter Estimates 6](#_Toc161213918)

[5.2 Findings and Recommendations 9](#_Toc161213919)

[5.3 Historical Realization Rates and NTG Values 9](#_Toc161213920)

[Appendix A. Impact Analysis Methodology A-1](#_Toc161213921)

[Appendix B. Program Specific Inputs for the Illinois TRC B-1](#_Toc161213922)

List of Tables, Figures, and Equations

[Table 2‑1. 2023 Volumetric Summary for PGL 1](#_Toc161318629)

[Table 2‑2. 2023 Installed Measure Quantities for PGL 2](#_Toc161318630)

[Table 2‑3. 2023 Volumetric Summary for NSG 2](#_Toc161318631)

[Table 2‑4. 2023 Installed Measure Quantities for NSG 3](#_Toc161318632)

[Table 3‑1. 2023 Annual Energy Savings Summary for PGL 4](#_Toc161318633)

[Table 3‑2. 2023 Annual Energy Savings Summary for NSG 4](#_Toc161318634)

[Table 4‑1. 2023 Annual Energy Savings by Measure for PGL 5](#_Toc161318635)

[Table 4‑2. 2023 Annual Energy Savings by Measure for NSG 6](#_Toc161318636)

[Table 5‑1. Verified Gross Savings Parameters 7](#_Toc161318637)

[Table A‑1. Impact Parameters A-1](#_Toc161213933)

[Table B‑1: Verified Cost Effectiveness Inputs – PGL B-1](#_Toc161213934)

[Table B‑2. Verified Cost Effectiveness Inputs – NSG B-2](#_Toc161213935)

# Introduction

This report presents the results of the impact evaluation of the Peoples Gas (PGL) and North Shore Gas (NSG) 2023 Energy Education Outreach Kits (EEO Kits) programs. 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 Illinois total resource cost (TRC) inputs. Program year 2023 covers January 1, 2023 through December 31, 2023.

# Program Description

The EEO Kits program is offered jointly to schools served by PGL or NSG and ComEd. PGL and NSG claimed all the gas savings, while ComEd claimed all the electricity savings from kits sent to the joint utility customers. The EEO Kits program has two paths, namely the Market Rate and Income Eligible paths. The PGL program had 16,746 participants in 2023 and completed 133,968 projects as shown in the following table.

Table 2‑1. 2023 Volumetric Summary for PGL

|  |  |  |  |
| --- | --- | --- | --- |
| Participation | Market Rate | Income Eligible | Total |
| Participants \* | 1,748 | 14,998 | 16,746 |
| Installed Projects † | 13,984 | 119,984 | 133,968 |

\* Participants are defined as the total number of distributed kits.

† Installed Projects are defined as the total quantity of measures distributed.

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

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

Table 2‑2. 2023 Installed Measure Quantities for PGL

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Program Category | Program Path | Measure | Quantity Unit | Installed Quantity |
| EEO Kits | Market Rate | Closed Foam Weatherstripping (17' Roll) | Ln Ft | 1,748 |
|  |  | Self-Adhesive Door Sweep | Each | 1,748 |
|  |  | Shower Timer | Each | 1,748 |
|  |  | Low Flow Showerheads | Each | 1,748 |
|  |  | Low Flow Aerators (Bathroom) | Each | 3,496 |
|  |  | Low Flow Aerators (Kitchen) | Each | 1,748 |
|  |  | Temperature Setback Card | Each | 1,748 |
| EEO Kits | Income Eligible | Closed Foam Weatherstripping (17' Roll) | Ln Ft | 14,998 |
|  |  | Self-Adhesive Door Sweep | Each | 14,998 |
|  |  | Shower Timer | Each | 14,998 |
|  |  | Low Flow Showerheads | Each | 14,998 |
|  |  | Low Flow Aerators (Bathroom) | Each | 29,996 |
|  |  | Low Flow Aerators (Kitchen) | Each | 14,998 |
|  |  | Temperature Setback Card | Each | 14,998 |

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

The NSG program had 2,627 participants in 2023 and completed 21,016 projects as shown in the following table.

Table 2‑3. 2023 Volumetric Summary for NSG

|  |  |  |  |
| --- | --- | --- | --- |
| Participation | Market Rate | Income Eligible | Total |
| Participants \* | 1,637 | 990 | 2,627 |
| Installed Projects † | 13,096 | 7,920 | 21,016 |

\* Participants are defined as the total number of distributed kits.

† Installed Projects are defined as the total quantity of measures distributed.

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

Table 2‑4 summarizes the installed measure quantities that are the basis for verified energy savings.

Table 2‑4. 2023 Installed Measure Quantities for NSG

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Program Category | Program Path | Measure | Quantity Unit | Installed Quantity |
| EEO Kits | Market Rate | Closed Foam Weatherstripping (17' Roll) | Ln Ft |  1,637  |
|  |  | Self-Adhesive Door Sweep | Each |  1,637  |
|  |  | Shower Timer | Each |  1,637  |
|  |  | Low Flow Showerheads  | Each |  1,637  |
|  |  | Low Flow Aerators (Bathroom) | Each |  3,274  |
|  |  | Low Flow Aerators (Kitchen)  | Each |  1,637  |
|  |  | Temperature Setback Card | Each |  1,637  |
| EEO Kits | Income Eligible | Closed Foam Weatherstripping (17' Roll) | Ln Ft |  990  |
|  |  | Self-Adhesive Door Sweep | Each |  990  |
|  |  | Shower Timer | Each |  990  |
|  |  | Low Flow Showerheads  | Each |  990  |
|  |  | Low Flow Aerators (Bathroom) | Each |  1,980  |
|  |  | Low Flow Aerators (Kitchen)  | Each |  990  |
|  |  | Temperature Setback Card | Each |  990  |

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

# Program Savings Detail

Table 3‑1 summarizes the energy savings the PGL EEO Kits Program achieved by the Market Rate and Income Eligible paths in 2023.

Table 3‑1. 2023 Annual Energy Savings Summary for PGL

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Program Category | Program Path | Ex Ante Gross Savings (Therms) | Verified Gross RR\* | Verified Gross Savings (Therms) | NTG† | Verified Net Savings (Therms) |
| **EEO Kits** | Market Rate | 22,638 | 100% | 22,638 | 1.00 | 22,638 |
| **EEO Kits** | Income Eligible | 181,176 | 100% | 181,176 | 1.00 | 181,176 |
| **Total or Weighted Average** | **203,814** | **100%** | **203,814** | **1.00** | **203,814** |

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

† A deemed value. Available on the SAG web site: <https://www.ilsag.info/ntg_2023>.

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

Table 3‑2 summarizes the energy savings the NSG EEO Kits Program achieved by the Market Rate and Income Eligible paths in 2023.

Table 3‑2. 2023 Annual Energy Savings Summary for NSG

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Program Category | Program Path | Ex Ante Gross Savings (Therms) | Verified Gross RR\* | Verified Gross Savings (Therms) | NTG† | Verified Net Savings (Therms) |
| **EEO Kits** | Market Rate | 23,815 | 100% | 23,815 | 1.00 | 23,815 |
| **EEO Kits** | Income Eligible | 13,730 | 100% | 13,730 | 1.00 | 13,730 |
| **Total or Weighted Average** | **37,545** | **100%** | **37,545** | **1.00** | **37,545** |

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

† A deemed value. Available on the SAG web site: <https://www.ilsag.info/ntg_2023>.

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

# Program Savings by Measure

The PGL program includes seven measures under the Market Rate and Income Eligible paths as shown in the following table. The closed foam weatherstripping (17' roll) and self-adhesive door sweep measures contributed the most savings for each path.

Table 4‑1. 2023 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† | Verified Net Savings (Therms) |
| EEO Kits | Market Rate | Closed Foam Weatherstripping (17' Roll) | 6,545 | 100% | 6,545 | 1.00 | 6,545 |
|  |  | Self-Adhesive Door Sweep | 5,772 | 100% | 5,772 | 1.00 | 5,772 |
|  |  | Shower Timer | 4,756 | 100% | 4,756 | 1.00 | 4,756 |
|  |  | Low Flow Showerheads  | 3,669 | 100% | 3,669 | 1.00 | 3,669 |
|  |  | Low Flow Aerators (Bathroom) | 724 | 100% | 724 | 1.00 | 724 |
|  |  | Low Flow Aerators (Kitchen)  | 600 | 100% | 600 | 1.00 | 600 |
|  |  | Temperature Setback Card | 573 | 100% | 573 | 1.00 | 573 |
| EEO Kits | Income Eligible | Closed Foam Weatherstripping (17' Roll) | 50,843 | 100% | 50,843 | 1.00 | 50,843 |
|  |  | Self-Adhesive Door Sweep | 44,844 | 100% | 44,844 | 1.00 | 44,844 |
|  |  | Shower Timer | 39,400 | 100% | 39,400 | 1.00 | 39,400 |
|  |  | Low Flow Showerheads  | 30,386 | 100% | 30,386 | 1.00 | 30,386 |
|  |  | Low Flow Aerators (Bathroom) | 5,999 | 100% | 5,999 | 1.00 | 5,999 |
|  |  | Low Flow Aerators (Kitchen)  | 4,964 | 100% | 4,964 | 1.00 | 4,964 |
|  |  | Temperature Setback Card | 4,739 | 100% | 4,739 | 1.00 | 4,739 |
| **Total or Weighted Average** | **203,814** | **100%** | **203,814** | **1.00** | **203,814** |

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

† A deemed value. Available on the SAG web site: <https://www.ilsag.info/ntg_2023>.

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

The NSG program includes seven measures under the Market Rate and Income Eligible paths as shown in the following table. The closed foam weatherstripping (17' roll) and self-adhesive door sweep measures contributed the most savings for each path.

Table 4‑2. 2023 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† | Verified Net Savings (Therms) |
| EEO Kits | Market Rate | Closed Foam Weatherstripping (17' Roll) | 6,695 | 100% | 6,695 | 1.00 | 6,695 |
|  |  | Self-Adhesive Door Sweep | 5,905 | 100% | 5,905 | 1.00 | 5,905 |
|  |  | Shower Timer | 5,170 | 100% | 5,170 | 1.00 | 5,170 |
|  |  | Low Flow Showerheads  | 3,986 | 100% | 3,986 | 1.00 | 3,986 |
|  |  | Low Flow Aerators (Bathroom) | 786 | 100% | 786 | 1.00 | 786 |
|  |  | Low Flow Aerators (Kitchen)  | 652 | 100% | 652 | 1.00 | 652 |
|  |  | Temperature Setback Card | 622 | 100% | 622 | 1.00 | 622 |
| EEO Kits | Income Eligible | Closed Foam Weatherstripping (17' Roll) | 3,692 | 100% | 3,692 | 1.00 | 3,692 |
|  |  | Self-Adhesive Door Sweep | 3,256 | 100% | 3,256 | 1.00 | 3,256 |
|  |  | Shower Timer | 3,126 | 100% | 3,126 | 1.00 | 3,126 |
|  |  | Low Flow Showerheads  | 2,411 | 100% | 2,411 | 1.00 | 2,411 |
|  |  | Low Flow Aerators (Bathroom) | 475 | 100% | 475 | 1.00 | 475 |
|  |  | Low Flow Aerators (Kitchen)  | 394 | 100% | 394 | 1.00 | 394 |
|  |  | Temperature Setback Card | 376 | 100% | 376 | 1.00 | 376 |
| **Total or Weighted Average** | **37,545** | **100%** | **37,545** | **1.00** | **37,545** |

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

† A deemed value. Available on the SAG web site: <https://www.ilsag.info/ntg_2023>.

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

# Impact Analysis Findings and Recommendations

The EEO Kits program achieved a 100% realization rate (RR) for 2023. The ex ante savings matched the verified savings for each measure and the entire kit.

## Impact Parameter Estimates

Table 5‑1 shows the per-unit therm savings and realization rate (RR) 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 percent. Appendix A provides a description of the impact analysis methodology.

Table 5‑1. Verified Gross Savings Parameters

| Measure | Unit Basis | Ex Ante Gross (therms/unit) | Verified Gross (therms/unit) | Realization Rate | Data Source(s) |
| --- | --- | --- | --- | --- | --- |
| **PGL EEO Kits Market Rate** |  |  |  |  |  |
| Closed Foam Weatherstripping (17' Roll) | Ln Ft | 3.74 | 3.74 | 100% | Illinois TRM, v11.0†, Section 5.6.1 and PTD\* |
| Self-Adhesive Door Sweep | Each | 3.30 | 3.30 | 100% | Illinois TRM, v11.0, Section 5.6.1 and PTD |
| Shower Timer | Each | 2.72 | 2.72 | 100% | Illinois TRM, v11.0, Section 5.4.9 and PTD |
| Low Flow Showerheads | Each | 2.10 | 2.10 | 100% | Illinois TRM, v11.0, Section 5.4.5 and PTD |
| Low Flow Aerators (Bathroom) | Each | 0.21 | 0.21 | 100% | Illinois TRM, v11.0, Section 5.4.4. and PTD |
| Low Flow Aerators (Kitchen) | Each | 0.34 | 0.34 | 100% | Illinois TRM, v11.0, Section 5.4.4 and PTD |
| Temperature Setback Card | Each | 0.33 | 0.33 | 100% | Illinois TRM, v11.0, Section 5.4.6 and PTD |
| **PGL EEO Kits Income Eligible** |  |   |   |   |   |
| Closed Foam Weatherstripping (17' Roll) | Ln Ft | 3.39 | 3.39 | 100% | Illinois TRM, v11.0†, Section 5.6.1 and PTD\* |
| Self-Adhesive Door Sweep | Each | 2.99 | 2.99 | 100% | Illinois TRM, v11.0, Section 5.6.1 and PTD |
| Shower Timer | Each | 2.63 | 2.63 | 100% | Illinois TRM, v11.0, Section 5.4.9 and PTD |
| Low Flow Showerheads | Each | 2.03 | 2.03 | 100% | Illinois TRM, v11.0, Section 5.4.5 and PTD |
| Low Flow Aerators (Bathroom) | Each | 0.20 | 0.20 | 100% | Illinois TRM, v11.0, Section 5.4.4. and PTD |
| Low Flow Aerators (Kitchen) | Each | 0.33 | 0.33 | 100% | Illinois TRM, v11.0, Section 5.4.4 and PTD |
| Temperature Setback Card | Each | 0.32 | 0.32 | 100% | Illinois TRM, v11.0, Section 5.4.6 and PTD |
| **NSG EEO Kits Market Rate** |  |   |   |   |   |
| Closed Foam Weatherstripping (17' Roll) | Ln Ft | 4.09 | 4.09 | 100% | Illinois TRM, v11.0†, Section 5.6.1 and PTD\* |
| Self-Adhesive Door Sweep | Each | 3.61 | 3.61 | 100% | Illinois TRM, v11.0, Section 5.6.1 and PTD |
| Shower Timer | Each | 3.16 | 3.16 | 100% | Illinois TRM, v11.0, Section 5.4.9 and PTD |
| Low Flow Showerheads | Each | 2.44 | 2.44 | 100% | Illinois TRM, v11.0, Section 5.4.5 and PTD |
| Low Flow Aerators (Bathroom) | Each | 0.24 | 0.24 | 100% | Illinois TRM, v11.0, Section 5.4.4. and PTD |
| Low Flow Aerators (Kitchen) | Each | 0.40 | 0.40 | 100% | Illinois TRM, v11.0, Section 5.4.4 and PTD |
| Temperature Setback Card | Each | 0.38 | 0.38 | 100% | Illinois TRM, v11.0, Section 5.4.6 and PTD |
| **NSG EEO Kits Income Eligible** |  |   |   |   |   |
| Closed Foam Weatherstripping (17' Roll) | Ln Ft | 3.73 | 3.73 | 100% | Illinois TRM, v11.0†, Section 5.6.1 and PTD\* |
| Self-Adhesive Door Sweep | Each | 3.29 | 3.29 | 100% | Illinois TRM, v11.0, Section 5.6.1 and PTD |
| Shower Timer | Each | 3.16 | 3.16 | 100% | Illinois TRM, v11.0, Section 5.4.9 and PTD |
| Low Flow Showerheads | Each | 2.44 | 2.44 | 100% | Illinois TRM, v11.0, Section 5.4.5 and PTD |
| Low Flow Aerators (Bathroom) | Each | 0.24 | 0.24 | 100% | Illinois TRM, v11.0, Section 5.4.4. and PTD |
| Low Flow Aerators (Kitchen) | Each | 0.40 | 0.40 | 100% | Illinois TRM, v11.0, Section 5.4.4 and PTD |
| Temperature Setback Card | Each | 0.38 | 0.38 | 100% | Illinois TRM, v11.0, Section 5.4.6 and PTD |

\* Program Tracking Data (PTD) provided by Peoples Gas and North Shore Gas; extract dated January 30, 2024.

† State of Illinois Technical Reference Manual version 11.0 from <http://www.ilsag.info/technical-reference-manual.html>.

Source: Guidehouse evaluation team analysis

## Findings and Recommendations

The overall RR for therms savings was 100%. Guidehouse verified all measure savings and did not find any discrepancies with the savings for both PGL and NSG programs. There are no findings and recommendations based on the evaluation of the 2023 program activity.

##### Impact Analysis Methodology

The evaluation team verified per-unit savings for each program measure using the impact algorithm sources found in the Illinois Statewide Technical Reference Manual v11.0 (IL-TRM)[[1]](#footnote-1). Table A‑1 presents the key parameters and the references used in the verified gross and net savings calculations.

Table A‑1. Impact Parameters

|  |  |  |
| --- | --- | --- |
| Gross Savings Input Parameters   | Deemed Input Parameters | Source\*   |
| Closed Foam Weatherstripping (17' Roll)  | ADJRxAirsealing, ISR, %FossilHeat, Δtherms\_wx | IL-TRM, v11.0, Section 5.6.1 |
| Self-Adhesive Door Sweep | ADJRxAirsealing, ISR, %FossilHeat, Δtherms\_sweep | IL-TRM, v11.0, Section 5.6.1 |
| Shower Timer  | L\_base, Showers per capita per day (SPCD), GPH, EPG\_gas, %FossilDHW, GPM, L\_timer, Household, Usage Factor, %SF, %MF | IL-TRM, v11.0, Section 5.4.9  |
| Low Flow Showerheads | GPM\_base, GPM\_low, L\_base, L\_low, Showerheads per household (SPH), showers per capita per day (SPCD), EPG\_gas, %FossilDHW, Household, ISR, %SF, %MF  | IL-TRM, v11.0, Section 5.4.5  |
| Low Flow Aerators (Bathroom)  | GPM\_base, GPM\_low, L\_base, L\_low, faucets per household (FPH), drain factor (DF), EPG\_gas, %FossilDHW, Household, ISR, %SF, %MF | IL-TRM, v11.0, Section 5.4.4  |
| Low Flow Aerators (Kitchen) | GPM\_base, GPM\_low, L\_base, L\_low, faucets per household (FPH), drain factor (DF), EPG\_gas, %FossilDHW, Household, ISR, %SF, %MF | IL-TRM, v11.0, Section 5.4.4  |
| Temperature Setback Card | U (Overall heat transfer coefficient of tank), A (Surface area of storage tank), Tpre, Tpost, Hours, RE\_gas, %FossilDHW, ISR | IL-TRM, v11.0, Section 5.4.6 |

\* State of Illinois Technical Reference Manual version 11.0 from <http://www.ilsag.info/technical-reference-manual.html>

GPH – Gallons per hour

DHW – Domestic hot water

GPM – Gallons per minute

SF – Single family

MF – Multi family

ISR – In-service rate

Source: Guidehouse evaluation team analysis

##### Program Specific Inputs for the Illinois TRC

Table B‑1 and Table B‑2 show the Total Resource Cost (TRC) cost-effectiveness analysis inputs available at the time of producing this impact evaluation report. Currently, 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 B‑1: Verified Cost Effectiveness Inputs – PGL

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Program Category | Program Path | Savings Category | Units | Quantity | Effective Useful Life | Ex Ante Gross Savings (Therms) | Verified Gross Savings (Therms) | Verified Net Savings (Therms) |
| EEO Kits | Market Rate | Closed Foam Weatherstripping (17' Roll) | Ln Ft | 1,748 | 20 | 6,545 | 6,545 | 6,545 |
| Self-Adhesive Door Sweep | Each | 1,748 | 20 | 5,772 | 5,772 | 5,772 |
| Shower Timer | Each | 1,748 | 2 | 4,756 | 4,756 | 4,756 |
| Low Flow Showerheads  | Each | 1,748 | 10 | 3,669 | 3,669 | 3,669 |
| Low Flow Aerators (Bathroom) | Each | 3,496 | 10 | 724 | 724 | 724 |
| Low Flow Aerators (Kitchen)  | Each | 1,748 | 10 | 600 | 600 | 600 |
| Temperature Setback Card | Each | 1,748 | 2 | 573 | 573 | 573 |
| EEO Kits | Income Eligible | Closed Foam Weatherstripping (17' Roll) | Ln Ft | 14,998 | 20 | 50,843 | 50,843 | 50,843 |
| Self-Adhesive Door Sweep | Each | 14,998 | 20 | 44,844 | 44,844 | 44,844 |
| Shower Timer | Each | 14,998 | 2 | 39,400 | 39,400 | 39,400 |
| Low Flow Showerheads  | Each | 14,998 | 10 | 30,386 | 30,386 | 30,386 |
| Low Flow Aerators (Bathroom) | Each | 29,996 | 10 | 5,999 | 5,999 | 5,999 |
| Low Flow Aerators (Kitchen)  | Each | 14,998 | 10 | 4,964 | 4,964 | 4,964 |
| Temperature Setback Card | Each | 14,998 | 2 | 4,739 | 4,739 | 4,739 |
| **Total or Weighted Average** |  | **133,968** | **13.4** | **203,814** | **203,814** | **203,814** |

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

Table B‑2. Verified Cost Effectiveness Inputs – NSG

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Program Category | Program Path | Savings Category | Units | Quantity | Effective Useful Life | Ex Ante Gross Savings (Therms) | Verified Gross Savings (Therms) | Verified Net Savings (Therms) |
| EEO Kits | Market Rate | Closed Foam Weatherstripping (17' Roll) | Ln Ft | 1,637 | 20 | 6,695 | 6,695 | 6,695 |
| Self-Adhesive Door Sweep | Each | 1,637 | 20 | 5,905 | 5,905 | 5,905 |
| Shower Timer | Each | 1,637 | 2 | 5,170 | 5,170 | 5,170 |
| Low Flow Showerheads  | Each | 1,637 | 10 | 3,986 | 3,986 | 3,986 |
| Low Flow Aerators (Bathroom) | Each | 3,274 | 10 | 786 | 786 | 786 |
| Low Flow Aerators (Kitchen)  | Each | 1,637 | 10 | 652 | 652 | 652 |
| Temperature Setback Card | Each | 1,637 | 2 | 622 | 622 | 622 |
| EEO Kits | Income Eligible | Closed Foam Weatherstripping (17' Roll) | Ln Ft | 990 | 20 | 3,692 | 3,692 | 3,692 |
| Self-Adhesive Door Sweep | Each | 990 | 20 | 3,256 | 3,256 | 3,256 |
| Shower Timer | Each | 990 | 2 | 3,126 | 3,126 | 3,126 |
| Low Flow Showerheads  | Each | 990 | 10 | 2,411 | 2,411 | 2,411 |
| Low Flow Aerators (Bathroom) | Each | 1,980 | 10 | 475 | 475 | 475 |
| Low Flow Aerators (Kitchen)  | Each | 990 | 10 | 394 | 394 | 394 |
| Temperature Setback Card | Each | 990 | 2 | 376 | 376 | 376 |
| **Total or Weighted Average** |  | **21,016** | **13.2** | **37,545** | **37,545** | **37,545** |

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

1. In this report, unless stated otherwise, IL-TRM refers to version 11.0 (v11.0). [↑](#footnote-ref-1)