

Energy Education Outreach Impact Evaluation Report

**Energy Efficiency Plan: Program Year 2024
(1/1/2024-12/31/2024)**

Prepared for:

**Peoples Gas and North Shore Gas
FINAL**

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Introduction

This report presents the results of the impact evaluation of the Peoples Gas (PGL) and North Shore Gas (NSG) 2024 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 appendix presents the impact analysis methodology. Program year 2024 covers January 1, 2024, through December 31, 2024.

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 three paths, Market Rate, Income Eligible, and School Interns Kits.

The PGL program had 18,338 participants in 2024 and distributed 165,342 measures, as shown in Table 1.

Table 1. 2024 Volumetric Summary for PGL

Participation	Market Rate	Income Eligible	School Interns Kit	Total
Participants *	6,170	12,138	30	18,338
Distributed Measures †	55,530	109,242	570	165,342

* Participants are the quantity of kits distributed.

† Distributed Measures is the total quantity of measures distributed in the kits.

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. 2024 Installed Measure Quantities for PGL

Program Category	Program Path	Measure	Quantity Unit	Installed Quantity
EEO Kits	Market Rate	Window Insulation Kit (5-pack)	Each	6,170
		Low Flow Showerheads	Each	6,170
		Closed Foam Weatherstripping (17' Roll)	Each	6,170
		Self-Adhesive Door Sweep	Each	6,170
		Shower Timer	Each	6,170
		Low Flow Aerators (Bathroom)	Each	12,340
		Low Flow Aerators (Kitchen)	Each	6,170
		Temperature Setback Card	Each	6,170
	Income Eligible	Window Insulation Kit (5-pack)	Each	12,138
		Low Flow Showerheads	Each	12,138
		Closed Foam Weatherstripping (17' Roll)	Each	12,138
		Self-Adhesive Door Sweep	Each	12,138
		Shower Timer	Each	12,138
		Low Flow Aerators (Bathroom)	Each	24,276
		Low Flow Aerators (Kitchen)	Each	12,138
		Temperature Setback Card	Each	12,138
	School Interns Kit	Window Insulation Kit	Each	30
		Rope Caulk (30')	Each	30
		Low-Flow Showerhead (1.5 GPM)	Each	30
		V-Seal Weatherstripping Roll (17')	Each	30
		Closed-Cell Foam Weatherstripping (17' Roll)	Each	30
		Self-Adhesive Door Sweep	Each	30
		Shower Timer	Each	30
		Bathroom Aerator (1 GPM)	Each	60
		Outlet Gasket	Each	120
		Switch Gasket	Each	120
		Kitchen Aerator (1.5 GPM)	Each	30
		Temperature Setback Card	Each	30

Source: Peoples Gas tracking data and evaluation team analysis.

The NSG program had 2,318 participants in 2024 and distributed 20,862 measures, as shown in Table 3.

Table 3. 2024 Volumetric Summary for NSG

Participation	Market Rate	Income Eligible	Total
Participants *	1,589	729	2,318
Distributed Measures †	14,301	6,561	20,862

* Participants are the quantity of kits distributed.

† Distributed Measures is the total quantity of measures distributed in the kits.

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

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

Table 4. 2024 Installed Measure Quantities for NSG

Program Category	Program Path	Measure	Quantity Unit	Installed Quantity
EEO Kits	Market Rate	Window Insulation Kit (5-pack)	Each	1589
		Low Flow Showerheads	Each	1589
		Closed Foam Weatherstripping (17' Roll)	Each	1589
		Self-Adhesive Door Sweep	Each	1589
		Shower Timer	Each	1589
		Low Flow Aerators (Bathroom)	Each	3178
		Low Flow Aerators (Kitchen)	Each	1589
	Income Eligible	Temperature Setback Card	Each	1589
		Window Insulation Kit (5-pack)	Each	729
		Low Flow Showerheads	Each	729
		Closed Foam Weatherstripping (17' Roll)	Each	729
		Self-Adhesive Door Sweep	Each	729
		Shower Timer	Each	729
		Low Flow Aerators (Bathroom)	Each	1458
	Low Flow Aerators (Kitchen)	Each	729	
	Temperature Setback Card	Each	729	

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

Program Savings Detail

Table 5 summarizes the energy savings the PGL EEO Kits Program achieved by the Market Rate, Income Eligible, and School Interns Kit paths in 2024.

Table 5. 2024 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)
EEO Kits	Market Rate	136,215	100%	136,685	1.00	1.083	148,030
EEO Kits	Income Eligible	249,193	100%	250,140	1.00	N/A	250,140
EEO Kits	School Intern Kit	919	107%	982	1.00	1.083	1,063
Total		386,328	100%	387,807	1.00		399,233

* 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-2024/>.

‡ The market rate net savings were multiplied by a deemed non-participant spillover (NPSO) factor of 1.083.

Source: Evaluation team analysis.

Table 6 summarizes the energy savings the NSG EEO Kits Program achieved by Market Rate and Income Eligible paths in 2024.

Table 6. 2024 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)
EEO Kits	Market Rate	39,294	100%	39,442	1.00	1.083	42,716
EEO Kits	Income Eligible	17,115	100%	17,181	1.00	N/A	17,181
Total		56,409	100%	56,623	1.00		59,897

* 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-2024/>.

[‡] The market rate net savings were multiplied by a deemed non-participant spillover (NPSO) factor of 1.083.
Source: Evaluation team analysis.

Program Savings by Measure

The PGL program includes eight measures under the Market Rate and Income Eligible paths and twelve measures in the School Interns Kit, as shown in Table 7. The Window Insulation Kit (5-pack) and Low Flow Showerheads measures contributed the most savings for the Market Rate and Income Eligible paths. The Window Insulation Kit (5-pack) and Rope Caulk (30') measures contributed the most savings for the School Intern Kit path.

Table 7. 2024 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)		
EEO Kits	Market Rate	Window Insulation Kit (5-pack)	37,606	100%	37,595	1.00	1.083	40,715		
		Low Flow Showerheads	29,727	100%	29,728	1.00	1.083	32,196		
		Closed Foam Weatherstripping (17' Roll)	22,706	100%	22,703	1.00	1.083	24,588		
		Self-Adhesive Door Sweep	20,022	100%	20,022	1.00	1.083	21,684		
		Shower Timer	16,789	100%	16,790	1.00	1.083	18,183		
		Low Flow Aerators (Bathroom)	4,776	100%	4,776	1.00	1.083	5,172		
		Low Flow Aerators (Kitchen)	3,955	100%	3,955	1.00	1.083	4,283		
		Temperature Setback Card	636	176%	1,117	1.00	1.083	1,209		
		Market Rate Subtotal			136,215	100%	136,685	1.00	1.083	148,030
		Income Eligible		Window Insulation Kit (5-pack)	66,941	100%	66,965	1.00	N/A	66,965
Low Flow Showerheads	56,466			100%	56,466	1.00	N/A	56,466		
Closed Foam Weatherstripping (17' Roll)	40,444			100%	40,444	1.00	N/A	40,444		
Self-Adhesive Door Sweep	35,661			100%	35,661	1.00	N/A	35,661		

Program Category	Program Path	Savings Category	Ex Ante Gross Savings (Therms)	Verified Gross RR*	Verified Gross Savings (Therms)	NTG †	NPSO ‡	Verified Net Savings (Therms)
		Shower Timer	31,887	100%	31,887	1.00	N/A	31,887
		Low Flow Aerators (Bathroom)	9,079	100%	9,079	1.00	N/A	9,079
		Low Flow Aerators (Kitchen)	7,513	100%	7,513	1.00	N/A	7,513
		Temperature Setback Card	1,202	177%	2,124	1.00	N/A	2,124
		Income Eligible Subtotal	249,193	100%	250,140	1.00		250,140
	School Intern Kit	Window Insulation Kit	165	110%	183	1.00	1.083	198
		Rope Caulk (30')	177	94%	167	1.00	1.083	180
		Low-Flow Showerhead (1.5 GPM)	117	124%	145	1.00	1.083	157
		V-Seal Weatherstripping Roll (17')	110	100%	110	1.00	1.083	120
		Closed-Cell Foam Weatherstripping (17' Roll)	110	100%	110	1.00	1.083	120
		Self-Adhesive Door Sweep	96	102%	97	1.00	1.083	105
		Shower Timer	79	104%	82	1.00	1.083	88
		Bathroom Aerator (1 GPM)	20	113%	23	1.00	1.083	25
		Outlet Gasket	13	158%	20	1.00	1.083	22
		Switch Gasket	13	158%	20	1.00	1.083	22
		Kitchen Aerator (1.5 GPM)	17	114%	19	1.00	1.083	21
		Temperature Setback Card	1	369%	5	1.00	1.083	6
		SIK Subtotal	919	107%	982	1.00		1,063
Total			386,328	386,328	387,807	1.00		399,233

* 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-2024/>.

‡ The market rate net savings were multiplied by a deemed non-participant spillover (NPSO) factor of 1.083. Source: Evaluation team analysis.

The NSG program includes eight measures, as shown in the following table. The Window Insulation Kit (5-pack) and Low Flow Showerheads measures contributed the most savings for each path.

Table 8. 2024 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)	
EEO Kits	Market Rate	Window Insulation Kit (5-pack)	10,575	100%	10,576	1.00	1.083	11,454	
		Low Flow Showerheads	8,884	100%	8,884	1.00	1.083	9,621	
		Closed Foam Weatherstripping (17' Roll)	6,386	100%	6,386	1.00	1.083	6,916	
		Self-Adhesive Door Sweep	5,633	100%	5,633	1.00	1.083	6,101	
		Shower Timer	5,018	100%	5,018	1.00	1.083	5,435	
		Low Flow Aerators (Bathroom)	1,427	100%	1,427	1.00	1.083	1,545	
		Low Flow Aerators (Kitchen)	1,182	100%	1,182	1.00	1.083	1,280	
		Temperature Setback Card	189	177%	335	1.00	1.083	363	
	Market Rate Subtotal			39,294	100%	39,442	1.00	1.083	42,716
	Income Eligible	Window Insulation Kit (5-pack)	4,425	100%	4,424	1.00	N/A	4,424	
		Low Flow Showerheads	4,076	100%	4,076	1.00	N/A	4,076	
		Closed Foam Weatherstripping (17' Roll)	2,672	100%	2,672	1.00	N/A	2,672	
		Self-Adhesive Door Sweep	2,356	100%	2,356	1.00	N/A	2,356	
		Shower Timer	2,302	100%	2,302	1.00	N/A	2,302	
		Low Flow Aerators (Bathroom)	655	100%	655	1.00	N/A	655	
Low Flow Aerators (Kitchen)		542	100%	542	1.00	N/A	542		
Income Eligible Subtotal			17,115	100%	17,181	1.00	1.083	17,181	
Total			56,409	100%	56,623	1.00		59,897	

Source: Evaluation team analysis

Impact Analysis Findings and Recommendations

Impact Parameter Estimates

Table 9 shows the unit therms savings and realization rate findings by measure from the evaluation team’s review. The realization rate is the ratio of the verified gross savings to the ex-ante gross savings. The findings and recommendations below this table include a discussion of all measures with realization rates above or below 100 percent. 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	Data Source(s)
PGL EEO Kits Market Rate					
Window Insulation Kit (5-pack)	Each	6.095	6.093	100%	Illinois TRM, v12.0, Section 5.6.1 and PTD
Low Flow Showerheads	Each	4.818	4.818	100%	Section 5.4.5 and PTD
Closed Foam Weatherstripping (17' Roll)	Ln. Ft.	3.680	3.68	100%	Section 5.6.1 and PTD
Self-Adhesive Door Sweep	Each	3.245	3.245	100%	Section 5.6.1 and PTD
Shower Timer	Each	2.721	2.721	100%	Section 5.4.9 and PTD
Low Flow Aerators (Bathroom)	Each	0.387	0.387	100%	Section 5.4.4 and PTD
Low Flow Aerators (Kitchen)	Each	0.641	0.641	100%	Section 5.4.4 and PTD
Temperature Setback Card	Each	0.103	0.181	176%	Section 5.4.6 and PTD
PGL EEO Kits Income Eligible					
Window Insulation Kit (5-pack)	Each	5.515	5.517	100%	Section 5.6.1 and PTD
Low Flow Showerheads	Each	4.652	4.652	100%	Section 5.4.5 and PTD
Closed Foam Weatherstripping (17' Roll)	Ln. Ft.	3.332	3.332	100%	Section 5.6.1 and PTD
Self-Adhesive Door Sweep	Each	2.938	2.938	100%	Section 5.6.1 and PTD
Shower Timer	Each	2.627	2.627	100%	Section 5.4.9 and PTD
Low Flow Aerators (Bathroom)	Each	0.374	0.374	100%	Section 5.4.4 and PTD
Low Flow Aerators (Kitchen)	Each	0.619	0.619	100%	Section 5.4.4 and PTD
Temperature Setback Card	Each	0.099	0.175	177%	Section 5.4.6 and PTD
PGL EEO Kits School Interns Kits					
Window Insulation Kit	Each	5.515	6.093	110%	Section 5.6.1 and PTD
Rope Caulk (30')	Each	5.908	5.551	94%	Section 5.6.1 and PTD
Low-Flow Showerhead (1.5 GPM)	Each	3.890	4.818	124%	Section 5.4.5 and PTD
V-Seal Weatherstripping Roll (17')	Ln. Ft.	3.682	3.68	100%	Section 5.6.1 and PTD
Closed-Cell Foam Weatherstripping (17' Roll)	Ln. Ft.	3.682	3.68	100%	Section 5.6.1 and PTD
Self-Adhesive Door Sweep	Each	3.196	3.245	102%	Section 5.6.1 and PTD
Shower Timer	Each	2.627	2.721	104%	Section 5.4.9 and PTD
Bathroom Aerator (1 GPM)	Each	0.341	0.387	113%	Section 5.4.4 and PTD
Outlet Gasket	Each	0.106	0.168	158%	Section 5.6.1 and PTD
Switch Gasket	Each	0.106	0.168	158%	Section 5.6.1 and PTD
Kitchen Aerator (1.5 GPM)	Each	0.564	0.641	114%	Section 5.4.4 and PTD
Temperature Setback Card	Each	0.049	0.181	369%	Section 5.4.6 and PTD
NSG EEO Kits Market Rate					
Window Insulation Kit (5-pack)	Each	6.655	6.656	100%	Section 5.6.1 and PTD
Low Flow Showerheads	Each	5.591	5.591	100%	Section 5.4.5 and PTD
Closed Foam Weatherstripping (17' Roll)	Ln. Ft.	4.019	4.019	100%	Section 5.6.1 and PTD
Self-Adhesive Door Sweep	Each	3.545	3.545	100%	Section 5.6.1 and PTD

Measure	Unit Basis	Ex Ante Gross (therms/unit)	Verified Gross (therms/unit)	Realization Rate	Data Source(s)
Shower Timer	Each	3.158	3.158	100%	Section 5.4.9 and PTD
Low Flow Aerators (Bathroom)	Each	0.449	0.449	100%	Section 5.4.4 and PTD
Low Flow Aerators (Kitchen)	Each	0.744	0.744	100%	Section 5.4.4 and PTD
Temperature Setback Card	Each	0.119	0.211	177%	Section 5.4.6 and PTD
NSG EEO Kits Income Eligible					
Window Insulation Kit (5-pack)	Each	6.070	6.069	100%	Section 5.6.1 and PTD
Low Flow Showerheads	Each	5.591	5.591	100%	Section 5.4.5 and PTD
Closed Foam Weatherstripping (17' Roll)	Ln. Ft.	3.665	3.665	100%	Section 5.6.1 and PTD
Self-Adhesive Door Sweep	Each	3.232	3.232	100%	Section 5.6.1 and PTD
Shower Timer	Each	3.158	3.158	100%	Section 5.4.9 and PTD
Low Flow Aerators (Bathroom)	Each	0.449	0.449	100%	Section 5.4.4 and PTD
Low Flow Aerators (Kitchen)	Each	0.744	0.744	100%	Section 5.4.4 and PTD
Temperature Setback Card	Each	0.119	0.211	177%	Section 5.4.6 and PTD

* Program Tracking Data (PTD) provided by Peoples Gas and North Shore Gas; extract dated January 30, 2025.

† State of Illinois Technical Reference Manual version 12.0 from <http://www.ilsag.info/technical-reference-manual.html>.

Findings and Recommendations

Finding 1. The reported gross and net savings should be identical since the NTG factor (without non-participant spillover) for all measures is 1.00. However, the ex-ante gross therms savings are inconsistent with the net therms savings reported in the tracking data due to errors in transferring the Implementation Contractor (IC) calculator’s gross therms to the tracking system. Therefore, the evaluation team used the ex-ante net therms as a reference point for gross therms, comparing ex-post therms against ex-ante net therms to verify the reported savings. PGL School Intern Kits were an exception, where the evaluation team adjusted the ex-ante net therms by dividing them by a 1.083 residential non-participant spillover (NPSO) factor to estimate ex-ante gross therms. The evaluation team made this adjustment because the net savings for the School Intern Kits align with the IC calculator savings when those savings are multiplied by the NPSO factor.

Recommendation 1. Ensure that program tracking data for gross savings is consistent with the IC calculator’s gross savings.

Finding 2. Ex-ante gross therms savings were incorrectly reported as zero for PGL School Intern Kits (SK-CPG-SIK). However, the tracking data showed net therms savings that matched the IC calculator’s gross savings when multiplied by the NPSO factor. Since the net savings aligned with expectations, the evaluation team did not consider ex-ante gross savings to be zero. Instead, to enable comparison with ex-post savings, the evaluation team estimated ex-ante gross savings by dividing net savings by the NPSO factor. This estimated value was then used to calculate realization rates for each measure in the kit.

Recommendation 2. Ensure that program tracking data does not report zero gross savings and that gross savings are not multiplied by the NPSO factor if savings are claimed.

Finding 3. The ex-ante savings for the shell measures in PGL School Intern Kits are calculated using a fossil heating fuel split (%FossilHeat) that is a weighted average between low-income Single Family (SF) and Multifamily (MF) homes and ISR values corresponding to distributed self-install income-qualified kits. As School Intern Kits are a market rate (MR) offering distributed at schools, the heating fuel split should be a weighted average between MR SF and MF homes and ISR values for distributed school efficiency kits should be used.

Finding 4. The ex-ante savings for the hot water measures in PGL School Intern Kits are calculated using a fossil water heating fuel split (%FossilDHW) that is a weighted average between low-income SF and MF homes and ISR values corresponding to income eligible distributed efficiency kits. As School Intern Kits are a MR offering distributed at schools, the heating fuel split should be a weighted average between MR SF and MF homes and ISR values for distributed school efficiency kits should be used. The evaluation team calculated savings using fuel splits that are a weighted average between MR SF and MF homes. Further, the evaluation team applied ISR values corresponding to distributed school efficiency kits.

School Intern Kits account for 0.25% of PGL's EEO kits verified gross therms savings, and the combined impact of findings 3, 4, and 5 increased the kit-level therms savings by 7%.

Recommendation 3. Use the percentage fuel splits and ISR values from IL-TRM v12.0 corresponding to MR school kits.

Finding 5. For the Temperature Setback Card measure, the IC Calculator used the deemed fossil fuel savings provided in IL-TRM v12.0 corresponding to an 'Other' system type (which refers to fuel types other than Electric or Gas, such as fuel oil. The evaluation team used the algorithm provided in Section 5.4.6 of the IL-TRM v12.0 utilizing the pre and post hot water setpoint temperatures corresponding to a 'Gas' system type when calculating Therms savings.

The combined impact of findings 4 and 5 resulted in a 176% RR for MR PGL kits, 177% RR for Income Eligible (IE) PGL kits and all NSG Kits, and 369% RR for PGL School Intern Kits.

Recommendation 4. Use the pre and post hot water temperature setpoints corresponding to a 'Gas' system type.

Appendix A. 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 v12.0 (IL-TRM).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*
Window Insulation Kit	ADJRxAirsealing, ISR, %FossilHeat, Δtherms_windows	Illinois TRM, v12.0, Section 5.6.1
Closed Foam Weatherstripping (17' Roll)	ADJRxAirsealing, ISR, %FossilHeat, Δtherms_wx	IL-TRM, v12.0, Section 5.6.1
Self-Adhesive Door Sweep	ADJRxAirsealing, ISR, %FossilHeat, Δtherms_sweep	IL-TRM, v12.0, 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, v12.0, 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, v12.0, 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, v12.0, 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, v12.0, 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, v12.0, 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

Appendix B. 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, this table does not include additional required cost data (e.g., measure costs, program level incentive, and non-incentive costs) 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	DAC Project	Units	Quantity	Effective Useful Life	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
EEO Kits	Market Rate	Window Insulation Kit (5-pack)	FALSE	Each	6,170	1.0	37,606	37,595	40,715
		Low Flow Showerheads	FALSE	Each	6,170	10.0	29,727	29,728	32,196
		Closed Foam Weatherstripping (17' Roll)	FALSE	Ln Ft	6,170	20.0	22,706	22,703	24,588
		Self-Adhesive Door Sweep	FALSE	Each	6,170	20.0	20,022	20,022	21,684
		Shower Timer	FALSE	Each	6,170	2.0	16,789	16,790	18,183
		Low Flow Aerators (Bathroom)	FALSE	Each	12,340	10.0	4,776	4,776	5,172
		Low Flow Aerators (Kitchen)	FALSE	Each	6,170	10.0	3,955	3,955	4,283
		Temperature Setback Card	FALSE	Each	6,170	2.0	636	1,117	1,209
	Income Eligible	Window Insulation Kit (5-pack)	FALSE	Each	12,138	1.0	66,941	66,965	66,965
		Low Flow Showerheads	FALSE	Each	12,138	10.0	56,466	56,466	56,466
		Closed Foam Weatherstripping (17' Roll)	FALSE	Ln Ft	12,138	20.0	40,444	40,444	40,444
		Self-Adhesive Door Sweep	FALSE	Each	12,138	20.0	35,661	35,661	35,661
		Shower Timer	FALSE	Each	12,138	2.0	31,887	31,887	31,887
		Low Flow Aerators (Bathroom)	FALSE	Each	24,276	10.0	9,079	9,079	9,079
		Low Flow Aerators (Kitchen)	FALSE	Each	12,138	10.0	7,513	7,513	7,513
		Temperature Setback Card	FALSE	Each	12,138	2.0	1,202	2,124	2,124
	School Intern Kit	Window Insulation Kit	FALSE	Each	30	1.0	165	183	198
		Rope Caulk (30')	FALSE	Each	30	20.0	177	167	180
		Low-Flow Showerhead (1.5 GPM)	FALSE	Each	30	10.0	117	145	157
		V-Seal Weatherstripping Roll (17')	FALSE	Ln Ft	30	20.0	110	110	120
		Closed-Cell Foam Weatherstripping (17' Roll)	FALSE	Ln Ft	30	20.0	110	110	120
Self-Adhesive Door Sweep		FALSE	Each	30	20.0	96	97	105	

Program Category	Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
		Shower Timer	FALSE	Each	30	2.0	79	82	88
		Bathroom Aerator (1 GPM)	FALSE	Each	60	10.0	20	23	25
		Outlet Gasket	FALSE	Each	120	20.0	13	20	22
		Switch Gasket	FALSE	Each	120	20.0	13	20	22
		Kitchen Aerator (1.5 GPM)	FALSE	Each	30	10.0	17	19	21
		Temperature Setback Card	FALSE	Each	30	2.0	1	5	6
Total or Weighted Average						9.6	386,328	387,807	399,233

Source: Evaluation team analysis.

Table B-2. Verified Cost Effectiveness Inputs – NSG

Program Category	Program Path	Savings Category	DAC Project	Units	Quantity	Effective Useful Life	Ex Ante Gross Savings (Therms)	Verified Gross Savings (Therms)	Verified Net Savings (Therms)
EEO Kits	Market Rate	Window Insulation Kit (5-pack)	FALSE	Each	1,589	1.0	10,575	10,576	11,454
		Low Flow Showerheads	FALSE	Each	1,589	10.0	8,884	8,884	9,621
		Closed Foam Weatherstripping (17' Roll)	FALSE	Ln Ft	1,589	20.0	6,386	6,386	6,916
		Self-Adhesive Door Sweep	FALSE	Each	1,589	20.0	5,633	5,633	6,101
		Shower Timer	FALSE	Each	1,589	2.0	5,018	5,018	5,435
		Low Flow Aerators (Bathroom)	FALSE	Each	3,178	10.0	1,427	1,427	1,545
		Low Flow Aerators (Kitchen)	FALSE	Each	1,589	10.0	1,182	1,182	1,280
	Income Eligible	Temperature Setback Card	FALSE	Each	1,589	2.0	189	335	363
		Window Insulation Kit (5-pack)	FALSE	Each	729	1.0	4,425	4,424	4,424
		Low Flow Showerheads	FALSE	Each	729	10.0	4,076	4,076	4,076
		Closed Foam Weatherstripping (17' Roll)	FALSE	Ln Ft	729	20.0	2,672	2,672	2,672
		Self-Adhesive Door Sweep	FALSE	Each	729	20.0	2,356	2,356	2,356
		Shower Timer	FALSE	Each	729	2.0	2,302	2,302	2,302
		Low Flow Aerators (Bathroom)	FALSE	Each	1,458	10.0	655	655	655
Low Flow Aerators (Kitchen)	FALSE	Each	729	10.0	542	542	542		
Temperature Setback Card	FALSE	Each	729	2.0	87	154	154		
Total or Weighted Average						9.5	56,409	56,623	59,897

Source: Evaluation team analysis.