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| To: | Nicor Gas  Jennifer Morris, ICC Staff  Celia Johnson, Illinois Energy Efficiency Stakeholders Advisory Group |
| From: | Kevin Grabner, Guidehouse |
| Date: | March 14, 2020 |
| Re: | Preliminary Impact Evaluation Findings for 2019 Nicor Gas Portfolio |

# Introduction

This memo presents the preliminary results of the impact evaluation of the Nicor Gas 2019 Energy Efficiency Programs. As described in the Illinois Policy Manual,[[1]](#footnote-1) “If draft EM&V reports are not provided by March 15, Evaluators will provide a preliminary evaluation findings memo, including savings and NTG, on or before March 15, utilizing best efforts.” Draft reports have been produced for some but not all Nicor Gas programs. Table 1 provides preliminary evaluation findings for all programs in the 2019 Nicor Gas Energy Efficiency Program portfolio.

Where savings are indicated as “Preliminary EOY Analysis” or from “2019 Interim Review” we caution that savings could change substantially as the analysis proceeds to draft for external distribution.

Net-to-Gross (NTG) research is on-going with 2019 participants of the Home Energy Efficiency Rebate Program, the Small Business Program, and Non-Residential New Construction. Results are expected by July 1, 2020.

Table 1. Net Savings Impact Evaluation for 2019 Nicor Gas Portfolio

| Program | Ex Ante Net Saved Therms | Draft Estimate of Verified Net Saved Therms | Basis of Preliminary Draft Estimate |
| --- | --- | --- | --- |
| **Income Qualified** |  |  |  |
| Contractor Channel MF | 187,407 | 187,407 | 100% RR from 2019 Interim Review |
| Contractor Channel SF | 64,787 | 70,461 | 2019 IHWAP RR as Preliminary EOY |
| Energy Savings Kit - LIHEAP | 116,866 | 116,866 | Preliminary EOY Analysis |
| Multi-Family | 5,975 | 5,975 | 100% RR from 2019 Interim Review |
| Affordable Housing NC | 16,796 | 17,837 | Draft 2019 Report in Circulation |
| Public Housing | 105,188 | 26,038 | Preliminary EOY Analysis. The RR is 99% on evaluated measures, but the Nicor Gas Ex Ante includes several projects that do not have supporting documentation files from the Implementer. The discrepancy is being investigated. |
| Single Family IHWAP | 184,892 | 201,084 | Draft 2019 Report in Circulation |
| **Residential** | |  |  |
| Home Energy Efficiency Rebate | 2,552,207 | 2,550,574 | 99.9% RR from 2019 Interim Review |
| Home Energy Savings | 583,601 | 578,932 | Preliminary EOY Analysis |
| Energy Saving Kits | 1,075,327 | 1,075,327 | 100% RR from 2019 Interim Review |
| Elementary Energy Ed | 254,059 | 253,958 | Draft 2019 Report in Circulation |
| Res New Construction | 146,084 | 174,499 | Draft 2019 Report in Circulation |
| Multi-Family | 376,812 | 373,044 | 99% RR from 2019 Interim Review |
| **Business and Public Sector** | |  |  |
| Business Energy Efficiency Rebates | 4,640,981 | 4,436,778 | Preliminary EOY Analysis |
| Custom | 12,312,895 | 12,275,956 | RR from 2019 Interim Review, Two Large Projects Preliminary RR is 100% but Require Site Verification |
| Strategic Energy Management | 2,981,742 | 2,805,819 | Preliminary EOY Analysis |
| Coordinated Retro-Commissioning | 77,118 | 71,574 | Draft 2019 Report in Circulation |
| Nicor Gas Retro-Commissioning | 274,140 | 274,140 | Preliminary EOY Analysis |
| Coordinated Non-Residential New Construction | 35,020 | 88,067 | Draft 2019 Report in Circulation. The RR is 99%, but the Verified Savings includes 3 documented projects not in the Nicor Gas Ex Ante. The discrepancy is being investigated. |
| Small Business | 1,126,091 | 1,118,208 | RR from 2019 Interim Review |
|  |  |  |  |
| **Portfolio Total** | **27,117,988** | **26,702,545** | Preliminary 2019 Draft Results |

Source: 2019 Ex Ante Net Saved Therms provided by Nicor Gas, February 10, 2020 and February 11, 2020 (Income Qualified). Draft Estimate of Verified Net Saved Therms based on evaluation research and analysis.

1. The Illinois Energy Efficiency Policy Manual Version 1.1 is available on the Illinois SAG web site at: http://ilsagfiles.org/SAG\_files/Subcommittees/IL\_EE\_Policy\_Manual\_Subcommittee/2017\_Revision/IL\_EE\_Policy\_Manual\_Version\_1.1\_5-5-17\_FINAL.pdf [↑](#footnote-ref-1)