

Memorandum

To: Fernando Morales, AIC; Jennifer Morris, ICC Staff; Celia Johnson, SAG Facilitator
From: Hannah Howard and Zach Ross, Opinion Dynamics
Date: October 27, 2020
Re: Q3 2020 Evaluation Expenditures

This memorandum provides a summary of evaluation team activities and expenditures in Q3 of 2020 as stipulated in our evaluation contract. The team conducted these activities in support of AIC's 2018-2021 Portfolio of Electric and Gas Energy Efficiency Programs.

Overview of Evaluation Activities

Key Activities for Q3 2020

In the third quarter of 2020, the evaluation team focused on wrapup of a handful of 2019 evaluation activities and launched fully into early 2020 evaluation activities – in particular, early impact reviews for the majority of AIC's prescriptive energy efficiency programs. Additional items of note included:

- Finalizing results of NTG research with Retro-Commissioning participants and active and non-active HVAC contractors
- Developing survey instruments for NTG-focused research efforts with Retail Products, Standard, and Custom participants
- Delivering memo on Municipality-Owned Streetlighting NTG research
- Continuing societal NEI analysis and moving forward with utility and participant NEI activities
- Finalizing evaluation plans for Enervue platform and Power Take Off pilot offerings
- Participating in SAG working group and TAC meetings

Upcoming Activities for Q4 2020

In the fourth quarter of 2020, the evaluation team will continue a number of 2020 evaluation activities, including key impact evaluation work for nonresidential programs, as well as beginning evaluation planning activities for the 2021 program year in full force. Additional items of note will include:

- Finalizing early impact review memos for AIC and implementation teams
- Reporting on results from NTG research with Standard and Custom participants, including SBDI

- Finalizing plans to launch Instant Incentives NTG research
- Beginning research for pilot evaluations of Efficient Choice (Enervee) and Power TakeOff
- Finalizing societal NEI analysis and continuing to move forward with utility and participant NEI activities
- Participating in SAG and TAC meetings as needed

Summary of Expenditures

The tables below provide a summary of expenditures through Q3 2020 based on team invoices received as of the end of Q3 2020.

Figure 1. Q3 2020 Expenditures for Evaluation of 2019 Program Year

| AIC 2019 Evaluation of the Commercial, Industrial, and Residential Energy Efficiency Programs | | | |
|---|---------------------|---------------------|-------------------|
| | 2019 Budget | Expensed to Date | Remaining |
| Impact EM&V | \$ 993,750 | \$ 993,750 | \$ - |
| Process EM&V | \$ 596,250 | \$ 596,250 | \$ - |
| Report Development | \$ 397,500 | \$ 397,500 | \$ - |
| <i>Program Specific Evaluation Efforts</i> | \$ 1,987,500 | \$ 1,987,500.00 | \$ - |
| Independent EM&V QA/QC | \$ 14,000 | \$ 14,040 | \$ (40) |
| Stakeholder Advisory Group | \$ 65,000 | \$ 64,820 | \$ 180 |
| Statewide TRM Review and Participation | \$ 186,000 | \$ 199,485 | \$ (13,485) |
| Non-Energy Impacts | \$ 250,000 | \$ 143,916 | \$ 106,084 |
| Other Non-Program Activities | \$ 747,848 | \$ 618,376 | \$ 129,472 |
| <i>Non-Program Specific Evaluation Efforts</i> | \$ 1,262,848 | \$ 1,040,636 | \$ 222,212 |
| 2019 Total | \$ 3,250,348 | \$ 3,028,136 | \$ 222,212 |

Figure 2. Q3 2020 Expenditures for Evaluation of 2020 Program Year

| AIC 2020 Evaluation of the Commercial, Industrial, and Residential Energy Efficiency Programs | | | |
|---|---------------------|---------------------|---------------------|
| | 2020 Budget | Expensed to Date | Remaining |
| Impact EM&V | \$ 841,550 | \$ 414,476 | \$ 427,074 |
| Process EM&V | \$ 504,930 | \$ 141,944 | \$ 362,986 |
| Report Development | \$ 336,620 | \$ 11,356 | \$ 325,264 |
| <i>Program Specific Evaluation Efforts</i> | \$ 1,683,100 | \$ 567,775.03 | \$ 1,115,325 |
| Independent EM&V QA/QC | \$ 30,000 | \$ 7,183 | \$ 22,817 |
| Stakeholder Advisory Group | \$ 90,000 | \$ 80,263 | \$ 9,737 |
| Statewide TRM Review and Participation | \$ 378,200 | \$ 97,763 | \$ 280,437 |
| Cost-Effectiveness | \$ 70,000 | \$ 217 | \$ 69,783 |
| Non-Energy Impacts | \$ 165,000 | \$ 69,941 | \$ 95,059 |
| Pilots | \$ 180,000 | \$ 58,223 | \$ 121,777 |
| Other Non-Program Activities | \$ 551,211 | \$ 277,241 | \$ 273,969 |
| <i>Non-Program Specific Evaluation Efforts</i> | \$ 1,464,411 | \$ 590,833 | \$ 873,578 |
| 2020 Total | \$ 3,147,511 | \$ 1,158,608 | \$ 1,988,903 |