

Memorandum

To: Fernando Morales, AIC; Jennifer Morris, ICC Staff; Celia Johnson, SAG Facilitator
From: Hannah Howard and Zach Ross, Opinion Dynamics
Date: July 20, 2020
Re: Q2 2020 Evaluation Expenditures

This memorandum provides a summary of evaluation team activities and expenditures in Q2 of 2020 as stipulated in our evaluation contract. The team conducted these activities in support of the evaluation of AIC's Plan 3 Portfolio of Electric and Gas Energy Efficiency Programs as well as in support of AIC's 2018-2021 Portfolio of Electric and Gas Energy Efficiency Programs.

Overview of Evaluation Activities

Key Activities for Q2 2020

In the second quarter of 2020, the evaluation team reviewed and responded to AIC and stakeholder comments on the 2019 Residential and Business Program impact evaluation reports and issue final versions of both. The evaluation team also issued the 2019 Summary Evaluation Report and supporting evaluation materials such as the Portfolio CPAS and AAIG workbook. Additional items of note included:

- Finalizing 2019 cost-effectiveness inputs, analysis, and reporting
- Providing results of Income Qualified site visits, process and NTG research with 2019 SBDI participants, and analysis of lighting carryover savings from bulbs purchased in prior years but installed in 2020
- Fielding surveys with active and non-active HVAC trade allies
- Conducting informational interviews with program staff to help inform 2020 evaluation activities
- Conducting research with AIC residential customers and trade allies to assess impacts of COVID-19
- Developing memos outlining approach to societal non-energy impacts and presenting options for Utility non-energy impacts assessment
- Developing draft evaluation plans for Enverve platform and Power Take Off pilot offerings
- Participating in SAG working group and TAC meetings

Upcoming Activities for Q3 2020

In the third quarter of 2020, the evaluation team will make progress on several 2020 evaluation activities, including a mid-year review of program tracking data and interim impacts analysis for all initiatives. Additional items of note will include:

- 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, Appliance Recycling, C&I Standard, and Custom participants
- Delivering memo on Municipality-Owned Streetlighting NTG research
- Reporting on results from research with AIC residential customers and trade allies aimed at assessing impacts of COVID-19
- Performing societal NEI analysis and moving forward with utility and participant NEI activities
- Finalizing evaluation plans for Enervee platform and Power Take Off pilot offerings
- Participating in SAG working group and TAC meetings as needed

Summary of Expenditures

The tables below provide a summary of expenditures through Q2 2020 based on team invoices received as of the end of Q2 2020.

Figure 1. Q2 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	\$ 912,666	\$ 81,084
Process EM&V	\$ 596,250	\$ 348,472	\$ 247,778
Report Development	\$ 397,500	\$ 398,254	\$ (754)
<i>Program Specific Evaluation Efforts</i>	\$ 1,987,500	\$ 1,659,392.69	\$ 328,107
Independent EM&V QA/QC	\$ 30,000	\$ 14,040	\$ 15,960
Stakeholder Advisory Group	\$ 90,000	\$ 64,820	\$ 25,180
Statewide TRM Review and Participation	\$ 186,000	\$ 178,573	\$ 7,427
Non-Energy Impacts	\$ 250,000	\$ 115,534	\$ 134,466
Other Non-Program Activities	\$ 706,848	\$ 756,813	\$ (49,965)
<i>Non-Program Specific Evaluation Efforts</i>	\$ 1,262,848	\$ 1,129,779	\$ 133,069
2019 Total	\$ 3,250,348	\$ 2,789,172	\$ 461,176

Figure 2. Q2 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	\$ 107,067	\$ 734,483
Process EM&V	\$ 504,930	\$ 35,689	\$ 469,241
Report Development	\$ 336,620	\$ -	\$ 336,620
<i>Program Specific Evaluation Efforts</i>	\$ 1,683,100	\$ 142,756.30	\$ 1,540,344
Independent EM&V QA/QC	\$ 30,000	\$ 2,430	\$ 27,570
Stakeholder Advisory Group	\$ 90,000	\$ 20,013	\$ 69,987
Statewide TRM Review and Participation	\$ 378,200	\$ 62,587	\$ 315,613
Cost-Effectiveness	\$ 70,000	\$ -	\$ 70,000
Non-Energy Impacts	\$ 165,000	\$ 27,746	\$ 137,254
Pilots	\$ 180,000	\$ 17,266	\$ 162,734
Other Non-Program Activities	\$ 551,211	\$ 171,044	\$ 380,167
<i>Non-Program Specific Evaluation Efforts</i>	\$ 1,464,411	\$ 301,086	\$ 1,163,325
2020 Total	\$ 3,147,511	\$ 443,842	\$ 2,703,669