

# Memorandum

To: Jonathon Jackson, AIC; Jennifer Morris, ICC Staff;  
Annette Beitel, SAG Facilitator

From: Hannah Arnold, Opinion Dynamics

Date: December 2, 2016

Re: Q3 2016 Evaluation Expenditures

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This memorandum provides a summary of evaluation team activities and expenditures in Q3 of 2016 as stipulated in our evaluation contract. The team conducted these activities in support of the evaluation of AIC's Plan 3 Portfolio of C&I and Residential Electric and Gas Efficiency Programs.

## 1. Overview of Evaluation Activities

### 1.1 Key Activities for Q3 2016

During the third quarter of 2016, the evaluation team focused on conducting PY8 evaluation activities. In particular, we completed the following activities:

- Submitted the final PY8 evaluation plan for posting on the SAG website
- Participated in the NTG working group and TRM update processes
- Developed data collection instruments such as participant surveys and in-depth interview guides for both residential and commercial programs
- Began fielding participant surveys and conducting interviews with contractors and other entities involved in program implementation
- Began reviewing data provided from HVAC distributors to inform the HVAC incremental cost study
- Began conducting impact evaluation activities for programs with final program-tracking data
- Conducted site visits for C&I Custom and Small Business Direct Install programs

### 1.2 Upcoming Activities for Q4 2016

In the fourth quarter of 2016, the evaluation team will wrap up PY8 evaluation activities and prepare evaluation reports for each program.

- Complete fielding of all PY8 data collection efforts including participant and non-participant surveys, and in-depth interviews
- Complete all gross and net impact analyses
- Develop draft reports for residential and C&I programs

- Conduct meetings with AIC and implementation staff to review PY8 site visit results for the C&I Custom and Retro-Commissioning programs
- Submit initial and updated PY10 NTG recommendations
- Participate in NTG Working Group and TAC meetings as needed
- Submit research proposals for early PY9 evaluation activities

## 2. Summary of Expenditures

Each of the tables below provide a summary of expenditures through Q3 2016 based on team invoices received as of the end of Q3 2016.

Table 1. PY7 Q3 2016 AIC Portfolio Evaluation Expenditures

AIC PY7 Evaluation of the Commercial, Industrial, and Residential Energy Efficiency Programs			
	PY7 Budget	Expensed to Date	Remaining
Impact EM&V	\$ 837,150	\$ 841,723	\$ (4,573)
Process EM&V	\$ 502,290	\$ 505,034	\$ (2,744)
Report Development	\$ 334,860	\$ 336,689	\$ (1,829)
<i>Program Specific Evaluation Efforts</i>	\$ 1,674,300	\$ 1,683,445	\$ (9,145)
Collaborate with IL Utilities	\$ 5,000	\$ 2,413	\$ 2,587
Independent EM&V QA/QC	\$ 35,000	\$ 28,814	\$ 6,186
Commission Staff	\$ 10,000	\$ 9,485	\$ 515
Stakeholder Advisory Group	\$ 20,000	\$ 25,766	\$ (5,766)
Ameren Coordination/ Program Design	\$ 5,000	\$ 2,193	\$ 2,807
Statewide TRM Review and Participation	\$ 209,476	\$ 206,647	\$ 2,829
<i>Non-Program Specific Evaluation Efforts</i>	\$ 284,476	\$ 275,318	\$ 9,158
<i>Contingency Funds</i>	\$ -	\$ -	\$ -
<b>PY7 Total</b>	<b>\$ 1,958,776</b>	<b>\$ 1,958,763</b>	<b>\$ 13</b>

Note: PY7 contingency funds previously shown in this table were allocated to the Statewide TRM Process, which includes participation in the NTG Working Group. In addition, funds initially earmarked for collaboration were used for that purpose as part of impact and process EM&V efforts.

Table 2. PY8 Q3 2016 AIC Portfolio Evaluation Expenditures

AIC PY8 Evaluation of the Commercial, Industrial, and Residential Energy Efficiency Programs			
	PY8 Budget	Expensed to Date	Remaining
Impact EM&V	\$ 1,001,450	\$ 666,473	\$ 334,977
Process EM&V	\$ 600,870	\$ 399,884	\$ 200,986
Report Development	\$ 400,580	\$ 266,589	\$ 133,991
<i>Program Specific Evaluation Efforts</i>	\$ 2,002,900	\$ 1,332,947	\$ 669,953
Collaborate with IL Utilities	\$ 5,000	\$ -	\$ 5,000
Independent EM&V QA/QC	\$ 30,000	\$ 4,440	\$ 25,560
Commission Staff	\$ 10,000	\$ -	\$ 10,000
Stakeholder Advisory Group	\$ 15,000	\$ 233	\$ 14,768
Ameren Coordination/Program Design	\$ 10,000	\$ 5,001	\$ 4,999
Statewide TRM Review and Participation	\$ 130,000	\$ 91,922	\$ 38,078
<i>Non-Program Specific Evaluation Efforts</i>	\$ 200,000	\$ 101,595	\$ 98,405
<i>Contingency Funds</i>	\$ 52,106	\$ -	\$ 52,106
<b>PY8 Total</b>	<b>\$ 2,255,006</b>	<b>\$ 1,434,542</b>	<b>\$ 820,464</b>