

IL EE Stakeholder Advisory Group
Large Group Teleconference Meeting
Monday, January 14, 2019
10:00 am – 12:00 pm

Attendee List and Meeting Notes

Attendees (by phone)

Celia Johnson, SAG Facilitator
Nick Hromalik, Midwest Energy Efficiency Alliance, Meeting Support
Josh Arnold, Navigant
Will Baker, Google
Janice Boman, Embertec
Mike Brandt, ComEd
James Carlton, People for Community Recovery
Ian Champ, CLEAResult
Jane Colby, Cadmus Group
Noel Corral, ComEd
Erin Daughton, ComEd
Eric DeBellis, Illinois Attorney General's Office
Leanne DeMar, Nicor Gas
Sam Dent, VEIC (IL-TRM Administrator)
Wael El-Sharif, 360 Energy Group
Jeff Erickson, Navigant
Jim Fay, ComEd
Julia Friedman, Oracle
Mike Frischmann, Ecometric Consulting
Zachary Froio, Applied Energy Group
Stefano Galiasso, Energy Resources Center, UIC
Omayra Garcia, Peoples Gas & North Shore Gas
Laura Goldberg, Natural Resources Defense Council
Kevin Grabner, Navigant
Andrey Gribovich, DNV-GL
Mary Ellen Guest, Chicago Bungalow Association
Randy Gunn, Navigant
Arturo Hernandez, ComEd
Travis Hinck, GDS Associates
Cheryl Jenkins, VEIC (IL-TRM Administrator)
Jim Jerozal, Nicor Gas
Cheryl Johnson, People for Community Recovery
Mary Johnson, Resource Innovations
Larry Kotewa, Elevate Energy
Chelsea Lamar, Navigant
Karen Maoz, Navigant
Keith Martin, Ameren Illinois

Cheryl Miller, Ameren Illinois
Jennifer Moore, Ameren Illinois
Fernando Morales, Ameren Illinois
Wade Morehead, Leidos
Jennifer Morris, ICC Staff
Phil Mosenthal, Optimal Energy, on behalf of Illinois Attorney General's Office
Chris Neme, Energy Futures Group, on behalf of NRDC
Rob Neumann, Navigant
Theo Okiro, Future Energy Enterprises
Randy Opdyke, Nicor Gas
Briana Parker, Elevate Energy
Hanh Pham, The Weidt Group
Patricia Plympton, Navigant
Adam Roche, Franklin Energy
Zach Ross, Opinion Dynamics
Anthony Santarelli, Smart Energy Design Assistance Center (SEDAC)
Lucas Schroyer, Navigant
William Sierzchula, Navigant
Kristol Simms, Ameren Illinois
Mark Szczygiel, Nicor Gas
Bryan Tillman, 360 Energy Group
Chris Vaughn, Nicor Gas
Andy Vaughn, Leidos
Dan Violette, Navigant
Ted Weaver, First Tracks Consulting, on behalf of Nicor Gas
Shelita Wellmaker, Ameren Illinois
Angie Ziech-Malek, CLEAResult
Gary Ambach, Seventhwave
Ken Anno, CIC Energy Consulting
David Bryant
Michael Marks, Applied Energy Group
Julia Sander, Leidos
Elena Savona, Elevate Energy

Meeting Notes

Next steps/action items are indicated **in red**. Questions that require follow-up are indicated in **yellow**.

Opening and Introductions

Celia Johnson, SAG Facilitator

- **Draft 2019 SAG Plan:** Comments on the final draft 2019 SAG Plan are due by COB on Monday, January 28. If SAG participants have proposed edits, please submit them in redline directly to Celia: Celia@CeliaJohnsonConsulting.com.
- **SAG Market Transformation Savings Working Group:** If you are interested in joining the new Market Transformation Savings Working Group, please reach out

directly to Celia by COB on Thursday, January 31:

Celia@CeliaJohnsonConsulting.com.

- **Draft ComEd EUL Research Report, Phase 1:** Comments on the draft report are due by COB on Friday, January 25.
 - Send comments to Karen Maoz (karen.maoz@Navigant.com) and Jennifer Morris, ICC Staff (Jennifer.Morris@illinois.gov).
 - If SAG participants are interested in a follow-up discussion about this EUL research, please let Karen Maoz know when submitting comments on the draft report.

Overview of 2019 SAG Plan

Celia Johnson, SAG Facilitator

SAG Steering Committee: Meets twice a year to advise SAG Facilitator.

Innovative Ideas: A new goal announced in 2018 is for SAG to discuss innovative EE ideas. Ideas will be accepted on a rolling basis and will be scheduled at SAG as time and resources permit. The September large group SAG meeting will also focus entirely on innovative ideas.

Quarterly Large Group SAG Meetings:

- Monday, Feb. 25 – Chicago
- Tuesday, May 14 – Springfield
- Tuesday, Sept. 10 – Chicago, EE innovation meeting
- Tuesday, Nov. 19 – Chicago

Policy Manual Subcommittee:

- Working to reach agreement on Policy Manual Version 2.0.
- Negotiation meetings are anticipated in April.
- The goal is to submit Version 2.0 to the Commission for approval by June.

EM&V Subcommittee:

- The EM&V Subcommittee is new and will cover topics related to evaluation, in particular “big picture” topics. Examples: integration across utility service territory, leveraging AMI data, how often evaluators are reviewed and selected, etc.
- A kick-off meeting will be held in late spring or early summer, after Policy Manual negotiations are completed.
- The draft EM&V Subcommittee Plan will be provided for review and comment to interested participants, during the first quarter of 2019.
- Will ask for interested participants later in the year once Celia has created a plan
- Anticipate scheduling a few meetings per year.

SAG Working Groups:

- [Non-Energy Impacts Working Group](#)

- Discuss methodologies, draft research results. This Working Group may make recommendations to the IL-TRM TAC, Policy Manual Subcommittee, and/or EM&V Subcommittee.
- Kick-off meeting was held in August 2018.
- Next meeting is coming up on Monday, Feb. 4, to discuss economic impact study methodologies (job study).
- Market Transformation Savings Working Group
 - This is a new Working Group to discuss market transformation initiatives where utilities are interested in claiming EE savings.
 - Will launch during Q1 of 2019.

Illinois EE Successes Working Group (tentative)

- Successes Fact Sheet Version 1.0 was completed in 2015 and summarized Illinois EE program accomplishments.
- SAG participants may want to update the Fact Sheet with Version 2.0 later this year, with information from economic impact studies.
- This question will be raised during the mid-year SAG Steering Committee meeting.

Overview of Large Group SAG Topic Categories

- See final draft SAG Plan for the list of topics.
- SAG will not cover all topics this year. If SAG participants have feedback on topics that are high priority, please contact Celia by COB on 1/28.
- SAG activities will be coordinated with the Income Qualified North and South Advisory Committee facilitators, as needed.

ComEd Effective Useful Life (EUL) Persistence Research

Karen Maoz, Navigant

High Level Overview:

- There are a number of challenges related to FEJA and persisting savings.
- There is interest in ensuring this research is cost-effective: one solution is the “expected value of information” (EVI). Basic approach involves assessing how much uncertainty there is around EULs.

Principles:

- Develop a learning process that builds on and improves the existing EUL
- Leverage existing information on initial estimates of EUL
- Consider the value of EUL studies
- Develop structure from one year to the next

Steps:

- 1) Assess the knowledge base of current EUL estimates and collect data from other studies
- 2) Develop current best estimates for all relevant EULs for CPAS calculations based on stakeholder input and literature review

- 3) Assess the uncertainty in current estimates of measures persistence to see where evaluation and verification dollars should be invested
 - Conduct short surveys of experts
- 4) Build a structural model of persistence for prioritized measures that incorporate key factors
 - Get the engineering factors
- 5) Perform small sample verifications where only visit or survey 10 to 20 customers/sites to assess persistence
 - This helps manage the research and do so in a cost-effective manner
- 6) Develop larger field scale evaluations to measure where additional, detailed research should be undertaken

Value of Information (VOI):

- Built a platform that the 50 interviews were put into so that we could estimate which technologies would meet EUL at which year.
- Helps plan our research and to see the overall trends for a measure and how they relate to other measures.
- Helps prioritize what needs research.

Measures where the EUL is inconstant with the current IL-TRM and we are proposing additional research:

- Compressed air leak repair, look at larger air leak measures.
- Custom HVAC Controls, EUL is likely too high before the HVAC controls performance. The EUL should be tied to the RUL of controlled equipment. This needs field research to answer this question.
- LED fixtures, commercial and residential; we want to make sure our efforts are consistent with what other states are researching/doing.

Next steps:

- Each measure (once determined) will have a unique research plan (field plan, measure persistence identification) and field research, almost like a pilot.
- There was a question during the call about a Seventhwave research report regarding persistence of savings from Retro-Commissioning Measures. That report is posted on the SAG website Evaluation documents page, for ComEd:
 - [Persistence of Savings from Retro-Commissioning Measures, a field study of past ComEd Retro-Commissioning projects by Seventhwave \(June 13, 2018\)](#)