

IL EE Stakeholder Advisory Group Attendee List and Meeting Notes

Tuesday, October 28th, 2014
10:00am – 4:30pm

Midwest Energy Efficiency Alliance (MEEA)
20 North Wacker Drive, Suite 1301
Call-In Number: 760-569-6000
Passcode: 844452#

Technical Advisory Committee Meeting (Teleconference)

Time	Agenda Item	Discussion Leader
10:00 – 10:10	Opening and Introductions	Annette Beitel, EE SAG Facilitator
10:10 – 11:50	IL-NTG Methods Outline <ul style="list-style-type: none">• ICC directives.• Background – evaluator discussion of methodologies.• Overview of outline. Purpose: Report-out to SAG; discuss next steps.	Mary Sutter, Opinion Dynamics
11:50 – 12:30	Break	

TAC Meeting Attendee List

Annette Beitel, EE SAG Facilitator
Celia Johnson, EE SAG Senior Policy Analyst
Roger Baker, ComEd
David Diebel, ADM
Mike Brandt, ComEd
Cheryl Miller, Ameren IL
Charlie Budd, Navigant
Paige Knutson, Franklin Energy
Pat Michalkiewicz, Peoples Gas-North Shore Gas
Randy Gunn, Navigant
Michael Marks, Applied Energy Group
Chris Vaughn, Nicor Gas
Jim Jerozal, Nicor Gas
Stefano Galiasso, UIC/ERC
Shraddha Raikar, UIC/ERC
Jonathon Jackson, Ameren IL
Keith Goerss, Ameren IL
David Baker, DCEO

Phone participants:*

**Please note this phone list also includes participants in the afternoon SAG meeting.*

John Barnes, ADM Energy
Blake Baron, Giordano & Associates, Ltd.
Mark Bergum, GDS Associates
Ed Carroll, Franklin Energy
Hammad Chaudhry, Nicor Gas
Jane Colby, Cadmus
Andrew Cottrell, AEG
Jeff Erickson, Navigant
Jennifer Fagan, Itron
Jim Fay, ComEd
Antje Flanders, Opinion Dynamics
Josh Goffin, PEI
James Gowen, ADM Energy
Kevin Grabner, Navigant
John Paul Jewell, ELPC
Gabe Klooster, Elevate Energy
John Madziarczyk, Nicor Gas
Adam Margolin, Quarles & Brady
John Mascarenhas, CLEAResult
Carly McClure, Navigant
Wade Morehead, CSG
Jennifer Hinman, ICC Staff
Phil Mosenthal, Optimal Energy
Agnes Mrozowski, Ameren IL
Chris Neme, Energy Futures Group
Rob Neumann, Navigant
Jeremy Offenstein, ADM Energy
Malcolm Quick, Nicor Gas
George Roemer, Franklin Energy
Mary Sutter, Opinion Dynamics
Kate Tomford, DCEO
Joan Walker-Ratliff, Phillips 66
Ted Weaver, First Tracks Consulting, on behalf of Nicor Gas
Austin Whitman, First Fuel
Ken Woolcutt, Ameren IL
Jim Zolnierek, ICC Staff
Chris Vaughn, Nicor Gas
Frank Greg, ECW
Bridgid Lutz, Nicor Gas
David Nichols, ComEd

IL-NTG Methods Outline – Mary Sutter, Opinion Dynamics

- This effort is a result of policy direction from five different dockets.
- Methods section created as an appendix.
- Action Item: Evaluators would like feedback in three areas:
 - 1) General Topics

- 2) Organization of outline – is it useful?
- 3) Depth of information
- Send by COB on 11/7 – to Mary Sutter (msutter@opiniondynamics.com)
- Nicor Gas has the most comprehensive order on this topic.
- This effort will start with three programs.
- Updates will occur annually. ICC Staff will submit the document and it will become part of the TRM.
- If there is non-consensus, issues will be filed with the Commission.
- SAG/TAC member responsibilities included on page 8 of presentation.
 - Add agenda item for December 9th SAG meeting (30 minutes)
 - Evaluators will update on progress towards reaching consensus; procedural options/plan.
 - Add agenda item for January 27th, 2015 SAG meeting.
 - Include IL-NTG Methods document in Version 4.0 of the IL TRM (it will be final March 1st).
 - Action Item: NTG discussion group – if participants want to be involved in this process, email Mary Sutter by COB on Wednesday 10/29/14.
- NOTE: Notification email requests were sent to the SAG on Tuesday regarding the action items above.

Afternoon SAG Meeting (In-person at MEEA)

Time	Agenda Item	Discussion Leader
12:30 – 12:40	Opening and Introductions	Annette Beitel, EE SAG Facilitator
12:40 – 1:10	ComEd Home Energy Reports Program <ul style="list-style-type: none"> ● Update on program ● PY7 program size changes. Purpose: Update SAG on program changes.	Jana Jones, ComEd
1:10 – 1:40	ComEd Annual Report-Out (EPY6) <ul style="list-style-type: none"> ● Overview of end-of-year results from EPY6. Purpose: Report-out to SAG.	George Malek, ComEd
1:40 – 2:40	Ameren IL Annual Report-Out and Programs Update(GPY3, EPY6) <ul style="list-style-type: none"> ● Overview of end-of-year results for GPY3/EPY6. ● Update to SAG on the status of the C&I Pilot Program; Emerging Technologies Plan; and adjustable goals. 	Keith Goerss, Ameren IL

	Purpose: Report-out to SAG.	
2:40 – 3:00	Break	
3:00 – 3:50	PG-NSG Wasted Energy Study <ul style="list-style-type: none"> • ICC directive language. • Discussion of preliminary results. Purpose: Report-out to SAG; Solicit SAG comments on preliminary results.	Steve Kihm, Energy Center of Wisconsin
3:50 – 4:20	Subcommittee Update <ul style="list-style-type: none"> • Policy Manual Subcommittee. • CHP Subcommittee. Purpose: Discuss status, timing, process, next steps.	Annette Beitel, EE SAG Facilitator; Karen Lusson, IL AG
4:20 – 4:30	Closing	Annette Beitel

Attendee List*

Annette Beitel, EE SAG Facilitator
Celia Johnson, EE SAG Senior Policy Analyst
Roger Baker, ComEd
Jon Jackson, Ameren IL
George Malek, ComEd
David Diebel, ADM
David Baker, DCEO
Randy Gunn, Navigant
Mike Brandt, ComEd
Rob Neumann, Navigant
Marcella Bondie Keenan, Elevate Energy
Paige Knutson, Franklin Energy
Pat Michalkiewicz, Peoples Gas-North Shore Gas
Michael Marks, AEG
Charley Budd, Navigant
Jim Jerozal, Nicor Gas
Chris Vaughn, Nicor Gas
Stefano Galiasso, UIC/ERC
Shraddha Raikar, UIC/ERC
Jim Armstrong, LMCO
Keith Martin, Ameren IL
Ian Adams, MEEA
Jana Jones, ComEd
Ashley Harrington, 360 Energy Group
Anne Mitchell, Nicor Gas
Cassandra Kubes, MEEA
John Paul Jewell, ELPC

Curt Volkman, ELPC
Rob Kelter, ELPC
Koby Bailey, Peoples Gas-North Shore Gas
Paul Isaac, Franklin Energy
Karen Lusson, IL AG
Kate Tomford, DCEO
Steve Kihm, ECW
Andrea Minniear Cherney, ECW
Tom Aradis, Integrys
**See above (page 2) for phone participants.*

Home Energy Reports – Jana Jones, ComEd

- Program greatly expanded in PY7 – 1.3 million customers added.
- There are two implementers – Opower and C3.
- This is the largest program run by OPower in the U.S. (specifically with one utility).
- How were customers selected?
 - Randomly – customers were divided into 10 “slices.” ComEd checked with evaluators to ensure the slices were statistically the same. C3 selected a slice. OPower kept legacy customers (340,000).
- Are there control groups?
 - Yes.
- Are you expecting to see overall savings increase, as part of the messaging refinement?
 - That is part of the test; ComEd believes they will achieve their filed goal.
- Measuring persistence?
 - There is a persistence test underway; there should be results soon.
- Will ComEd be able to determine if specific messages are most effective?
 - Specific message testing will likely come in on the C3 side.
- How are these programs evaluated?
 - Randy Gunn, Navigant: The overall savings are evaluated (at the total level) – this is an experimental program design. Participation in other programs are “subtracted out” (such as participation in the Appliance Recycling Program).

ComEd PY6 Report-Out – George Malek, ComEd

- Business New Construction Program is capturing 50% of the square feet being built.
- Small Business Program:
- What does it mean to exceed the IPA target? (Ex: Energy Efficient Lighting and Multi-family Common Areas)
 - Over-performance counts for IPA. The excess stays within the IPA portfolio.
- What is the CSG program for IPA?
 - This is the All-Electric Single Family Program. This market is very limited and difficult to get to. CSG walked away from this program after not getting the contract for the joint program.
- DCEO costs are not included here.
- Chris Neme: How much of the 109% EEPS portfolio total was allocated elsewhere, such as emerging technologies?
 - Mike Brandt will provide. This was included in the August filing.
- Cost of Small Business Program – why is cost per different between EEPS and IPA?

- There was additional overhead costs/ramp-up needed to get to the level of savings in IPA program.
- Has ComEd considered moving other incentives into mid or upstream?
 - Yes – the vision is that measures start in custom, move to standard, and move to mid or upstream. Next up may be HVAC measures.
- Residential New Construction Program is in partnership with Nicor Gas; the ComEd portion is only 6% of the program cost.
- Are there programs that were impacted by the fact that gas savings dollars were too low?
 - This is more of an issue this year; one example of a limitation is the Small Business Program.
 - Since the lighting program moved to IPA, there is a gap in the number of units that will need to be filled.
- Biggest success stories: 1) Small Business Program and how it built up for next year (buy-in from Trade Allies; geo-targeted campaigns); 2) Standard Program built up a nice pipeline; and 3) Retro-commissioning Program is the largest in the U.S. The second largest program is ¼ the size.
 - Industrial Systems Program is beginning to see success.
 - Data Center Program saw huge uptake (ComEd’s largest customers now are data centers, using the largest energy per site/per density).
- Home Energy Reports Program – does ComEd provide tips on therm savings?
 - There are some tips that could be either; but there are no “therms only” measures.

Ameren IL PY7 Update – Keith Goerss, Ameren IL

- Ameren IL is allowed to adjust goals in their EE Plan 3.
 - Ameren IL was required to file a spreadsheet with the Commission including all measures.
 - ICC Staff conditions (five).
- Annually Ameren IL is allowed to change the fixed formulas for NTG and therefore change the goals annually (this could also mean an increase in goals). Ameren IL plans to include the spreadsheet in their first quarterly filing (first quarterly filing will be submitted in November).
- Where is the spreadsheet filed?
 - In 13-0498, it was filed on May 30th.
- This does not affect Ameren IL’s fixed budget in their EE Plan.
- **Ameren IL OBF Update – Keith Martin, Ameren IL**
 - Program increase was recently approved. Ameren IL hopes to finalize negotiations with AFC First within the next few weeks.
 - There will be slight variations in how customers are qualified (for ex: will focus on moderate income customers to get their participation in the program). In the past, HVAC contractors were the primary communicators on this program.
 - Is repayment of the loans included in the \$ increase?
 - No, it is not a revolving loan. Money that is paid back is not available. It is a one-time fund.
- **Ameren IL Emerging Technology Plan Update – Keith Martin, Ameren IL**
 - Four options were discussed; however, consensus was not reached. A series of comments will likely be submitted to the Commission (the process/comments is an open issue).
 - Four device options: 1) In home displays; 2) Nest t-stats; 3) Advance pay; and 4) Home area network data collection unit.

- The Commission encouraged Ameren to pursue technologies related to AMI.
- **Large C&I Pilot Update – Cheryl Miller, Ameren IL**
 - Enrollment period ended with no applications.
 - Feedback from customers: there was no advantage in leaving the existing ActOnEnergy Program; customers want the same self-direct program that exists on the gas side.
 - Next steps: Budget/savings moved back to the regular program (\$1.7M and 17,480 MWh annually).
 - George Malek: ComEd has had a similar experience, with one customer application.

Ameren IL PY6 Results – Cheryl Miller, Ameren IL

- Savings values are unevaluated; dollars values are not final.
- DCEO not included in numbers.
- Overall portfolio results:
 - Electric – 122% savings, spending 85% of budget.
 - Gas – 126% savings, spending 85% of budget.
- Overhead dollars include administration, evaluation, marketing, and education. Some of these costs have not yet been incurred.
- Retro-commissioning Program: Ameren IL far exceeded the goal (5083%) but also budget (12,185%).
- Residential and business program highlights.
- Moderate Income Program – qualification is 150-300% of poverty. Last year approximately 80% of the project cost was paid by incentives.
- Furnaces were an eligible measure in PY6; however, starting in PY7 furnaces were removed because the measure did not pass cost-effectiveness.

Wasted Energy Study Preliminary Results – Steve Kihm, Energy Center of Wisconsin

- Achievable potential – 0.4 of 1% for Peoples Gas.
- Washing machine temperature – based on national averages of # of loads per week, not local statistics.
- Energy savings estimate for changing furnace filter – 2%.
- Has the study looked at steam leaks/steam trap maintenance, and less traditional opportunities?
 - Not in this study, but it is addressed in the Potential Study. This study looked at opportunities that could be influenced through education.
- Ventilation systems – does setting back the t-stat set back this system?
 - Steve will double-check on how the ventilation interacts with the heating system in the model. He thinks the t-state setback does tune this down.

Subcommittee Process/Next Steps – Annette Beitel, EE SAG Facilitator; Karen Lusson, IL AG

- November 18th – CHP Subcommittee Meeting + Discussion of Process/Schedule Adjustment (including priorities for the next 6 months).
 - 1) Identify and discuss open issues: Assess whether we can reach agreement, or draft a comparison exhibit.
 - 2) Draft CHP Workpaper: Comments were due last Friday; Erin Carroll will consolidate comments.
 - Extension on reviewing/comment period for CHP TRM Workpaper to COB on Friday 10/31; email extension circulated to the SAG on Tuesday.

- 3) Policy direction discussion: Jim Jerozal, Nicor Gas: The first issue to discuss is whether CHP a joint offering, or not?
 - Pat Sharkey, Midwest CoGen: This is also a methodology question. For ex, NRDC has proposed an electric-only methodology.
- December 2nd – Policy Manual Subcommittee Meeting (10:30 am – 4:30 pm).
 - To discuss:
 - EM&V
 - Previous ICC policies
 - Other issues to be included
 - Subcommittee Action Items will be re-circulated to Subcommittee members.
- December 9th – December monthly SAG Meeting (10:30 am – 4:30 pm).