

IL EE Stakeholder Advisory Group

Monday, September 28 and Tuesday, September 29, 2015
10:30 am – 4:30 pm

Attendee List and Action Items
Midwest Energy Efficiency Alliance (MEEA) and Webinar
20 N. Wacker Drive, Suite 1301, Chicago

Monday, September 28, 2015 (Day 1) Attendee List

Annette Beitel, EE SAG Facilitator
Celia Johnson, SAG Facilitation Team
Roger Baker, ComEd
Rob Neumann, Navigant
Suzanne Stelmasek, Elevate Energy
John Madziarczyk, Nicor Gas
Chris Vaughn, Nicor Gas
Jim Jerozal, Nicor Gas
Ted Weaver, First Tracks Consulting, on behalf of Nicor Gas
Hammad Chaudhry, Nicor Gas
Randy Gunn, Navigant
Pat Sharkey, Environmental Law Counsel, on behalf of Midwest Cogeneration Association
Paige Knutsen, Franklin Energy, on behalf of PG-NSG
Sue Nathan, AEG, on behalf of PG-NSG
Will Baker, MEEA
Pat Michalkiewicz, Peoples Gas-North Shore Gas
Rick Bain, Embertec
John Paul Jewell, ELPC
Brian Bowen, First Fuel
Chris Neme, Energy Futures Group, on behalf of NRDC
Becky Stanfield, NRDC
Molly Lunn, Department of Commerce and Economic Opportunity
Mike Brandt, ComEd
Kristol Whatley, Ameren IL
Keith Goerss, Ameren IL
Keith Martin, Ameren IL
David Baker, ERC/UIC
Stefano Galiasso, ERC/UIC
Mark DeMonte, Jones Day, on behalf of ComEd
Rob Stupar, Elevate Energy
Nikhil Vijaykar, MEEA
Karen Lusson, IL AG
Ken Amin, ComEd
Hannah Arnold, Opinion Dynamics

Koby Bailey, Peoples Gas-North Shore Gas
David Baker, ERC/UIC
Jane Colby, Cadmus Group
Andrew Cottrell, AEG
Deirdre Coughlin, the Department
David Diebel, ADM
Wael El-Sharif, 360 Energy Group
Jennifer Fagan, Itron
Jim Fay, ComEd
Antje Flanders, Opinion Dynamics
James Gowen, ADM
Kevin Grabner, Navigant
Kevin Greene, Illinois EPA
Mary Ellen Guest, Historic Chicago Bungalow Association
Rich Hackner, GDS Associates
Amir Haghghat, CLEARResult
Arturo Hernandez, ComEd
Travis Hinck, GDS Associates
Julie Hollensbe, ComEd
Paul Isaac, Franklin Energy
Byron Lloyd, the Department
Molly Lunn, the Department
Bridgid Lutz, Nicor Gas
Sharon Madigan, ComEd
Edith Makra, Metropolitan Mayors Caucus
Adam Margolin, REACT
Wade Morehead, CLEARResult
Jennifer Morris, ICC Staff
Philip Mosenthal, Optimal Energy, on behalf of IL AG
Sam Mueller, Nexant
Shraddha Mutyal, ERC/UIC
Jeremy Offenstein, ADM
Andrea Reiff, the Department
Doug Rossin, DNV-GL
Susan Satter, IL AG
Kristol Whatley, Ameren IL
Karen Winter-Nelson, SEDAC
Ken Woolcutt, Ameren IL
Jim Zolnierek, ICC Staff
Matt Bowgren, CLEARResult
John Freitag, Geothermal Alliance of Illinois
Pat Giordano, Girordano & Associates, on behalf of Comverge

Day 1 Action Items / Follow-up

Action items are indicated in **yellow highlight**.

Clean Power Plan – Overview of Final Rule (Julia Friedman, MEEA)

- Why was EE removed as a building block?
 - Because Section 111(d) is focused on supply, not demand.
- How does the EM&V plan compare to what is done in IL?
 - **Action Item:** Should SAG consider commenting on draft Clean Power Plan EM&V Guidelines as a group? Rob Neumann (Navigant) will present on this topic at the October SAG meetings.
- Clean Power Plan items that may impact SAG Portfolio Planning Process:
 - 1) EM&V Guidelines
 - 2) Low income / Clean Energy Incentive Program
 - 3) Who owns the credits?
 - Will this influence participation by large C&I customers?
 - How are credits allocated, under a mass-based approach?
 - 4) Lifetime vs. annual savings
 - Length of the measure expected useful lives
 - 5) Trading ERCs
 - Opportunity for additional EE funding.
 - **Action Item:** SAG to discuss possible impacts at October SAG meeting.
 - **Action Item:** SAG Facilitation will prepare a “Technical Position Paper” describing element of the CPP that should be considered or may influence the Portfolio Planning Process, for review and comment by the SAG.

Illinois Energy Roadmap (Molly Lunn, Department)

- Introduction from Kevin Greene, IEPA: IEPA is doing another round of one-on-one stakeholder meetings. IL does not have a stated position on the rule yet (may come later in October). IL stakeholder process for the Plan is pending with senior management.
- How will the Roadmap fit into the Clean Power Plan?
 - This will be an initial process to start talking about the policies on EE and renewables in IL. The Roadmap is meant to help inform Illinois EPA (IEPA) Clean Power Plan efforts. Stakeholder meetings will likely be different between the Roadmap effort and IEPA effort.
- How will this be impacted by the pending energy legislation in Illinois?
 - Recommendations may go beyond what has been proposed in legislation.
- **Action Item:** The Department would like feedback on the data sets to use in the Roadmap efforts. The Roadmap will use the MARCI model. SAG will schedule a follow-up teleconference on modeling (SAG Facilitation will reach out to Mark Pruitt). The goal is to hold this teleconference in advance of the October SAG meetings.
- **Action Item:** SAG Facilitation will include in the “Technical Position Paper” any elements of the Illinois Energy Roadmap process that should be considered or may influence the portfolio planning process.

Illinois NTG Working Group Update (Jeff Erickson, Navigant)

- **Action Item:** SAG participants will review the draft IL-NTG Methods document (to be circulated to SAG on Friday, October 2, 2015). SAG feedback is requested on:
 - Basic methods
 - Protocols as drafted
 - Basic vs. standard/enhanced rigor
 - Treatment of deferred free ridership
- Next steps:
 - The IL-NTG Methods working group will report back to SAG in late fall 2015 (to be scheduled).
 - The IL-NTG Methods document will be finalized in December, to be included in IL-TRM Version 5.0.

Clean Power Plan Model (Becky Stanfield, NRDC)

- **Action Item:** SAG will schedule a follow-up teleconference tutorial on this model (meeting date TBD).

SAG Portfolio Planning Process Kick-off (Annette Beitel, EE SAG Facilitator; Celia Johnson, SAG Facilitation)

- **Action Item:** Individual stakeholder outreach meetings will continue through October. If you would like to schedule an individual meeting to discuss this process and your organization's high priority EE issues, please contact Celia (Celia.Johnson@FutEE.biz).

Proposed Path Forward – Planning Discussions (Kristol Whatley, Ameren IL)

- **Action Item:** Review the draft documents and send comments/questions to Celia Johnson (Celia.Johnson@FutEE.biz) within 10 business days. Celia will send all comments/questions to Kristol Whatley, Ameren IL.
- Parties will continue to discuss this process and draft documents. An update will be provided at the October SAG meetings.

ComEd – Electric Program Year 7 Overview (Todd Thornburg, ComEd)

- What is the penetration on the Residential Joint New Construction Program?
 - **Action Item:** Julie Hollensbe, ComEd will look into this question.
 - *Response from ComEd (9/28): We have not seen data on the total or estimated total number homes built in the Nicor Gas service territory specifically in 2015. However, we were able to reference some data points for the state. The estimated total number of housing starts is estimated to be around 15,928 in the state of Illinois. We did around 730 joint-homes in PY7, making the penetration rate approx. 4.5%. This is likely significantly higher within the Nicor Gas service territory. We are currently looking to see if we can determine the number of housing starts within the Nicor service territory to determine the penetration rate for the program. I'll follow-up once we have that information. As a reminder our residential new construction program is joint with only Nicor Gas. North*

Shore Gas and Peoples Gas does not have a residential new construction program.

- Are the utilities taking advantage of the Department of Energy Appliance Rebate Program midstream offering?
 - Several stakeholders are interested in midstream/upstream opportunities.
 - Next steps: ComEd will review.
 - Phil Mosenthal, Optimal Energy, on behalf of IL AG: Measures that are often installed on burnout may have an opportunity to move (water heater, furnace, A/C, boilers).

Ameren IL – Electric Program Year 7; Gas Program Year 4 Overview (Keith Goerss, Ameren IL)

- Moderate Income Program – feedback request from Ameren IL: This is a program with very different models. What program design options do SAG participants want to see? (e.g. Fewer homes? More customers? Deep retrofits?)
 - Chris Neme, Energy Futures Group, on behalf of IL AG: I support the deep retrofit approach. It's close to impossible to get back into that home.
- Energy Star New Homes Program – What is the penetration?
 - **Action Item: Keith Goerss, Ameren IL will look into this question.**
- IPA Programs: Rural Efficiency Kits; Specialty Lighting; Multi-family; All Electric Homes; Small Business Direct Install
 - Feedback request: Ameren IL would like feedback from stakeholders on these IPA programs. For example, Rural Efficiency Kits program assumes customers do not have access to Walmart.
 - IPA issue – is feedback relevant based on the current program approval structure through Section 16-111.5B?
 - It could be argued that this program is duplicative with other lighting programs.
 - Utilities should consider bringing up these issues in the IPA dockets.
 - **Laura Goldberg, CUB: How are kits received? Are low income customers eligible?** One option could be focusing on low income as an underserved market, and asking customers to apply to participate.
 - **Keith Martin, Ameren IL will check on how kits are received.**
 - Keith Goerss, Ameren IL: In PY8, there will be distribution of lighting kits for food banks, which is geared towards lower income customers.
 - Chris Neme: What is the status of the Codes Collaborative?
 - This is a pilot effort with all utilities and the Department. There was an issue with the Memorandum of Understanding (MOU) due to the IL budget problem, however the MOU has now been signed and this will move forward.
 - Karen Lusson: How did Ameren IL customers respond to Large C&I Program?
 - Customers felt like they were already being served in the current standard/custom program. Large customers were looking for something similar to

gas opt-out program, which is not the goal of the Large C&I Program. Budget was moved into the Custom Program.

- Chris Neme: Can gas measures be included in IPA programs to help deal with gas budget issues?

- **Action item:** SAG Facilitation will add this question to IPA policy discussion (currently scheduled in January 2016).

Tuesday, September 28, 2015 Attendee List

Annette Beitel, EE SAG Facilitator

Celia Johnson, SAG Facilitation

Roger Baker, ComEd

Noah Garcia, NRDC

Chris Neme, Energy Futures Group, on behalf of NRDC

John Madziarczyk, Nicor Gas

Ted Weaver, First Tracks Consulting, on behalf of Nicor Gas

Jim Jerozal, Nicor Gas

Bridgid Lutz, Nicor Gas

Hammad Chaudhry, Nicor Gas

Rob Geltner, Nexant

Dan Lefevers, GTI

Chris Vaughn, Nicor Gas

Randy Gunn, Navigant

Sue Nathan, AEG, on behalf of PG-NSG

Paige Knutsen, Franklin Energy, on behalf of PG-NSG

Pat Michalkiewicz, PG-NSG

Keith Martin, Ameren IL

Karen Lusson, IL AG

Rob Stupar, Elevate Energy

Laura Goldberg, CUB

Carla Colamonici, CUB

Keith Goerss, Ameren IL

Suzanne Stelmasek, Elevate Energy

Mike Brandt, ComEd

Rick Bain, Embertec

Catie Krasner, MEEA

Kristol Whatley, Ameren IL

Rob Neumann, Navigant

David Baker, ERC/UIC

Shraddha Mutyal, ERC/UIC

Molly Lunn, the Department of Commerce and Economic Opportunity

Cheryl Jenkins, VEIC

Sam Dent, VEIC

Wael El-Sharif, 360 Energy Group

Amir Haghighat, CLEAResult

Andrew Cottrell, AEG
Deirdre Coughlin, the Department
Mark DeMonte, Jones Day, on behalf of ComEd
Kevin Dick, Delta Institute
David Diebel, ADM
Matt Drury, Opinion Dynamics
Jim Fay, ComEd
Rebecca Foster, VEIC
James Gowen, ADM
Kevin Grabner, Navigant
Mary Ellen Guest, Historic Chicago Bungalow Association
Rick Hackner , GDS Associates
Arturo Hernandez, ComEd
Travis Hinck, GDS Associates
Chelsea Lamar, Navigant
Byron Lloyd, the Department
Edith Makra, Metropolitan Mayors Caucus
Anne McKibbin, Elevate Energy
Cheryl Miller, Ameren IL
Wade Morehead, CLEAResult
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Karen Winter-Nelson, SEDAC
Ken Woolcutt , Ameren IL
Jim Zolnierek , ICC Staff
Matt Bowgren, CLEAResult
Larry Brown, CLEAResult
Paul Isaac, Franklin Energy
Leah Scull, MEEA

Day 2 Action Items / Follow-up

Action Items are indicated in **yellow highlight**.

IL-TRM Overview (Cheryl Jenkins, VEIC; Sam Dent, VEIC)

- New building code (International Energy Conservation Code, or IECC) goes into effect in IL in late 2015. Building projects receiving a permit after that date will need to comply. How does this impact IL-TRM? Does this need to be updated?

- New codes will take time to percolate throughout the state – communities will need to approve.
- For C&I new construction, there are likely projects that have already received a permit for 2016 and perhaps even 2017. This will not impact IL-TRM Version 5.0.
- Utilities do not want to have two choices of baseline in the TRM (2012 and 2015). However, TRM V5 will be applicable for the next 3-year plan.
- Next steps:
 - VEIC is completing research into what measures the new code impacts. There will be a future discussion on how/when it should be applied.
- Persistence related to behavioral programs- will this be included in the IL-TRM? If this is not included, there are concerns that Program Administrators will not have certainty of savings.
 - **Action Items:**
 - The updated draft IL-NTG Methodologies includes this topic and will be circulated to SAG on Friday, Oct. 2nd for review and comment.
 - Jim Jerozal, Nicor Gas, will input a placeholder on this topic on the IL-TRM tracker.
 - Jennifer Morris: The Commission has previously directed SAG to take up this persistence/behavioral issue.
 - A follow-up discussion will be scheduled in SAG, if needed.
- Next steps:
 - Workpapers are due by October 1st, 2015.
 - **Action Item:** Sam Dent, VEIC, will provide a list of the workpapers received by the deadline to TRM TAC (SAG Facilitation will circulate to SAG). This list will also indicate which items will be moved from “high” and “medium” priority items to “low” priority, or removed altogether, because material was not received on time.
 - TRM TAC invitations were already circulated to SAG. Weekly TRM TAC agendas will be circulated in advance of each call (agendas are circulated on Friday for meetings on the following Tuesday).

Department of Commerce and Economic Opportunity EPY7/GPY4 Portfolio Overview (Molly Lunn, Department)

- State budget issue is still pending. Applications are now open for standard, custom, and wastewater programs.
- \$6.9M of public sector was not used. How did the un-spent \$ break down by Ameren IL and ComEd?
 - **Action Item:** Molly Lunn will follow-up.
- Recommendation from Chris Neme (Energy Futures Group/NRDC): Don't oversubscribe New Construction; money should be pulled from elsewhere if this occurs. It's important to complete EE work in the building process.
- Affordable Housing Program and Public Housing Authority Program

- Chris Neme, Energy Futures Group, on behalf of NRDC: These programs are very non-cost-effective. Consider overhead and the measure list to make these more cost-effective.
- Combined Heat and Power Program – what is the EM&V process?
 - Stefano Galiasso, ERC/UIC: There will be on-site monitoring for 12 months of both kWh produced, fuel input, thermal heat recovered
- **Action Item:** Savings/participation/budget/TRC information is in final draft form. Molly Lunn will provide an updated overview in a few weeks. The updated overview will be circulated to SAG.

Nicor Gas Program Year 4 Overview (Jim Jerozal, Nicor Gas)

- Future code changes – will federal furnace standard changes impact the 3-year Plan?
 - Jim Jerozal, Nicor Gas: No, because updated federal furnace standards will not take place until 2020 at earliest (per the DOE calendar). In the future Nicor Gas will look into upstream program design.
- Residential New Construction Program – What is the market share?
 - **Action Item:** Jim Jerozal, Nicor Gas, will follow-up.
- Business Energy Efficiency Program: Chris Neme, Energy Futures Group, on behalf of NRDC: Is demand control ventilation being offered? There is a lot of savings opportunity for this measure.
 - Hammad Chaudhry, Nicor Gas: We have looked at this and offered it through custom, but there are a few different barriers.
- Chris Neme, Energy Futures Group, on behalf of NRDC: Where does the portfolio budget go vs. the program budget? (31.2M portfolio vs. 24.7M program total)
 - \$1M is in Emerging Technologies Program; \$1M is EM&V. Additional budget goes to support staff. The Nicor Gas Portfolio has 40 staff in support of the programs.
- What % of sales does 11.2M in therm savings represent?
 - **Action Item:** Ted Weaver / Hammad Chaudhry will follow-up.

Peoples Gas-North Shore Gas GPY4 Overview (Pat Michalkiewicz, Peoples Gas-North Shore Gas; Paige Knutsen, Franklin Energy, on behalf of PG-NSG)

- Multifamily Programs – Chris Neme, Energy Futures Group, on behalf of NRDC: What is the total number of multi-family homes in Chicago?
 - **Action Item:** This program has served apx. 60,000 multi-family residences. Paige Knutsen will follow-up.
- How much weatherization does PG-NSG incorporate?
 - **Action Item:** Measures were launched on Jan. 1, 2016. Paige Knutsen will follow-up on how things are going so far.

Overview of Issues – SAG Portfolio Planning Process (Annette Beitel, EE SAG Facilitator)

- **Action Items:** SAG Facilitation will update the draft Project Plan and post to website/circulate to SAG.

- Feedback on current Program Administrator Portfolios – Chris Neme will present high level feedback (PPT slides) at the October SAG meetings.
 - **Action Item:** If you have Portfolio feedback to share that you would like to add to Chris Neme's presentation, please coordinate with Chris directly (cneme@energyfuturesgroup.com).

Upcoming Due Dates

- November 4, 2015 – Completed New Program Idea Templates Due
 - Completed templates = 1) A new program idea (completely new program not currently offered in IL); 2) A new high impact measure (with an estimated impact of greater than 1% of portfolio); or 3) a significant program change (e.g. program design).
 - SAG participants are expected to make a good faith effort to fill out as much information as possible in this template by the due date. Additional information may be provided at a later time, if needed. SAG Facilitation may follow-up and request additional information after templates are submitted.
 - **Action Item:** If you need help filling out the Proposed New Program Idea Template or researching required information, please contact SAG Facilitation for assistance (Celia.Johnson@FutEE.biz).
- November 16, 2015 – Completed Policy / Issue Templates Due
 - All stakeholders, utilities / Program Administrators, and SAG participants with a proposed policy issue to be addressed that is not already included in the IL EE Policy Manual must request this by sending a completed template to Celia (Celia.Johnson@FutEE.biz). Policy issues may be addressed through the Policy Manual Version 2.0 process.

Next Meeting – October 26-27 (MEEA)