

IL EE Stakeholder Advisory Group

Monday, October 26 and Tuesday, October 27 2015
10:30 am – 4:30 pm

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

Monday, October 26, 2015 (Day 1) Attendee List

Annette Beitel, EE SAG Facilitator
Celia Johnson, SAG Facilitation
Roger Baker, ComEd
Karen Lusson, IL AG
Kristol Whatley, Ameren IL
John Madj, Nicor Gas
Jim Jerozal, Nicor Gas
Hammad Chaudhry, Nicor Gas
Chris Vaughn, Nicor Gas
David Baker, ERC/UIC
Andrew Braatz, Nexant
Paige Knutsen, Franklin Energy, on behalf of Peoples Gas-North Shore Gas
Todd Thornburg, ComEd
Leah Skull, MEEA
Julia Friedman, MEEA
Carla Colamonici, CUB
Laura Goldberg, CUB
Noelle Gilbreath, Community Investment Corp.
Mike Brandt, ComEd
John Paul Jewell, ELPC
Randy Gunn, Navigant
Dan Lefevers, Gas Technology Institute
Rob Neumann, Navigant
Keith Martin, Ameren IL
Molly Lunn, the Department
Pat Sharkey, Environmental Law Counsel, on behalf of MCA
Koby Bailey, Peoples Gas-North Shore Gas
Brian Bowen, First Fuel
Larry Brown, CLEARResult
Charley Budd, Navigant
Hammad Chaudhry, Nicor Gas
Andrew Cottrell, AEG
Deirdre Coughlin, the Department
Erin Daughton, ComEd
Mark DeMonte, Jones Day, on behalf of Ameren IL
Kevin Dick, Delta Institute
David Diebel, ADM
Ryan Dougherty, GeoExchange
Wael El-Sharif, 360 Energy Group
Jim Fay, ComEd

James Gowen, ADM
Mary Ellen Guest, Historic Chicago Bungalow Association
Rick Hackner , GDS Associates
Cliff Haefke, ERC/UIC
Travis Hinck, GDS Associates
Cheryl Jenkins, VEIC
Ryan Kerr, Gas Technology Institute
Byron Lloyd, the Department
Bridgid Lutz, Nicor Gas
Adam Margolin, Quarles & Brady, on behalf of IIEC
Cheryl Miller, Ameren IL
Wade Morehead, CLEAResult
Phil Mosenthal, Optimal Energy, on behalf of IL AG
Shraddha Mutyal, ERC/UIC
Jeremy Offenstein, ADM
Andrea Reiff, the Department
Craig Sieben, Sieben Energy
Chris Skey, Quarles & Brady, on behalf of IIEC
Anthony Star, Illinois Power Agency
Suzanne Stelmasek, Elevate Energy
Chris Vaughn, Nicor Gas
Ted Weaver, First Tracks Consulting, on behalf of Nicor Gas
Karen Winter-Nelson, SEDAC
Ken Woolcutt , Ameren IL
Angela Ziech-Malek, CLEAResult
Stefano Galiasso, ERC/UIC
Bev Hall, Ameren IL
Jennifer Morris, ICC Staff

Day 1 Action Items/Follow-up

Action items are indicated in yellow highlight.

Clean Power Plan and Other Initiatives: Impacts on Portfolio Planning (Celia Johnson, SAG Facilitation)

- **Action Item:** SAG participants should review the draft memo Clean Power Plan and Other Initiatives. Comments and questions are due by COB on Friday, Nov. 13, 2015.
- **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 November SAG meetings.

SAG Portfolio Planning Process documents (Annette Beitel, EE SAG Facilitator; Karen Lusson, IL AG; Kristol Whatley, Ameren IL)

- Updated Project Plan Documents (Annette Beitel, EE SAG Facilitator)
 - Updated documents are available for download on the October Meeting Materials page.¹
 - **Next steps:** Proposed Program Idea templates are due by COB on Monday, November 9.
- Draft Stipulation (Karen Lusson, IL AG)

¹ See http://www.ilsag.info/mm_2015_10_26-27.html.

- **Action Item:** Karen Lusson, IL AG, will follow-up with other attorneys to discuss the draft stipulation. Karen will present an update at the November SAG meetings.
- **Acknowledgment and Agreement (Kristol Whatley, Ameren IL)**
 - **Action Item:** Kristol Whatley, Ameren IL to follow-up with other attorneys to discuss.

Program Administrator Portfolio Objectives – Initial Draft Discussion (Program Administrators)

Ameren IL Objectives (Keith Martin, Ameren IL)

- 1) Seek to broaden EE programs across all customer classes and major market segments; further enhance the number of measures;
 - Two conversations will need to come later: 1) Depth, especially around home performance; and 2) When is that non-cost-effective measure added, if ever.
 - Question to consider: Should we reduce home performance dollars for measures with fewer savings, in exchange for increasing participation?
 - Status: Needs further discussion.

- 2) Maintain a similar bill impact for each rate class
 - This is the spending impact of EE programs, for EEPS. We could consider other allocators, like usage or potential. Customers want to know what % of EE programs are making up utility costs.
 - Status: Currently non-consensus.

- 3) Maximize funds dedicated to serving market segments within the rate class that faces financial barriers to participation
 - With a median household income less than \$55K per year; Ameren IL is very interested in doing more in this area. These tend to be harder to reach customers therefore the cost is higher. For that reason, the TRC will go down; NTG will go up.
 - Ameren IL's current moderate income program – 150 to 300% of federal poverty level. Half of their customers need special attention.
 - Status: General agreement.
 - Stipulation – add this objective.

- 4) Focus on budgets for programs where the average measure life is greater than 5 years
 - Stakeholder comment: This is too low; this should be 10 or more.
 - Status: Currently non-consensus.

- 5) Minimize the number of measures that don't pass the C/E test, even when bundling non-cost-effective measures in a program that is cost-effective (TRC of at least 1.0)
 - Stakeholder comment: This is in Policy Manual Version 1.0; we should keep this as is.
 - Status: General agreement.

- 6) Optimize each program budget and market penetration such that the program TRC is maximized
 - Stakeholder comment: It would be better to focus on the net benefits.
 - Ameren IL to re-word this objective.
 - Status: General agreement.

7) Seek to utilize gas/electric budgets to allow joint programs to draw from each funding source based on equivalent BTU's of energy savings

- Stakeholder comment: Consider net benefits, similar to ComEd.
- Status: Needs further discussion.

8) Consider equipment and devices deployed upstream of the customer meter when the equipment results in EE and savings for consumers

- There are potential benefits applied to more customers, including indirect participants.
- Example: Voltage optimization (volt var).
- Several stakeholders disagree this should be in EEPS.
- Status: Currently non-consensus.

Nicor Gas Objectives (Jim Jerozal)

Budget:

1) 2% cap

2) Manage to an approved 3-year budget, regardless of actual revenues during plan cycle

3) Nicor Gas and the Department manage separate budgets

- If the Dept doesn't spend in a given year, can this be pulled back and spent elsewhere?
 - No – the Department could spend this \$ in the next year.

4) Spend full Nicor Gas budget if savings goals are exceeded

- With the understanding that there is an amount of set-aside since the utilities cannot go over the budget.
- ComEd has a 10% 'de minimis' to go over the budget, from a previous docket.
- Chris Neme, Energy Futures Group, on behalf of NRDC: Where does this budget policy come from?
 - **Action Item: SAG Facilitation will research this question.**

Cost-Effectiveness Considerations:

1) Measure C/E is at portfolio level rather than program or measure level

2) Non cost-effective measures

Savings Considerations:

1) Performance metric: either annual or lifecycle

- It would be difficult to manage to both.

2) 3-year goals will be defined as sum of three one-year savings goals

- This is consistent with 8-104 language; it may not be as clear in 8-103.
- Status: General agreement.

3) If the standard is to be lifecycle savings... a) need to include TRM lifetimes in adjustable savings goals; b) need to lock down lifetimes for custom programs; and c) need to review statutory language.

Fairness Considerations:

1) Sub-segments for customer participation; Nicor Gas will design a broad portfolio of program options.

Market Considerations:

1) Involves qualitative adjustments rather than strict metrics

- There needs to be deference for programs that are controlled by Trade Allies (such as Business Energy Efficiency Rebate Program and Home Energy Efficiency Rebate Program).

Economic Development Considerations:

1) Measure job benefits with Nicor Gas economic impact model, specific to Illinois jobs

- EE Successes Subcommittee discussed this for several months and there is not a clear metric that has been adopted across the board, either regionally or nationally.
- **Action Item:** Nicor Gas will put together a model to share to show what the job impacts would be in various scenarios. For example, to increase jobs, this is what the programs would look like.

ComEd Objectives (Roger Baker)

1) Be statutorily compliant – a) diverse cross-section of opportunities; b) cost-effective portfolio; and c) review EEPS/IPA program assignment

2) Leverage joint/cooperative program delivery – as much as can be reasonably done with gas utilities. Recognize gas-electric budget disparities.

3) Be flexible – a) incorporate AMI-enabled devices as they come to market; b) investigate new and emergent data-driven programs/concepts; and c) incorporate this into flexible program/portfolio design

- Smart meters will be fully deployed by the end of 2018. ComEd wants to facilitate AMI as much as possible in the portfolio.

4) Learn from others – a) use lessons from other programs around the country; and b) Be mindful of Clean Power Plan.

Peoples Gas-North Shore Gas Objectives (Paige Knutsen)

1) Meet legislative requirements; produce cost-effective savings within the budgetary cap. C/E at the portfolio level and 3-year program level.

2) Provide opportunities for all customers (excluding the Department's EE offerings, opt-out customers; electric generation customers).

3) Build on past experiences and proven technologies, while introducing limited emerging technologies

4) Portfolio is easily scalable and allows flexible responsiveness to market conditions.

- What is easily scalable? Prescriptive rebate programs.

Department of Commerce and Economic Opportunity Objectives (Molly Lunn, the Department)

1) Fulfill statutory requirements

2) Drive economic development & job creation in the State

3) Ensure effective, efficiency, stability & flexibility

- The Department is currently looking at other low income and public sector programs to increase savings and cost-effectiveness.

Next steps: SAG Facilitation will put together a matrix of common objectives, including consensus and non-consensus objectives. Common objectives will be discussed at the November SAG meetings.

Feedback on Current Programs (Chris Neme, Energy Futures Group, on behalf of NRDC; Various)

Program Themes

- Suggestion: Increase emphasis on longer-lived savings, programs, which likely have market transformation benefits.
 - **Action Item:** SAG Facilitation to add this as an overlapping portfolio objective.
- Suggestion: Is there a joint delivery that could/should be done?
 - **Action Item:** SAG Facilitation to add this as an overlapping portfolio objective.

Policy Issues

- IPA Process Proposal
 - **Action Item:** Clarity is needed on the rules and how this proposal would proceed. Attorneys will follow-up offline.

Program Recommendations – Business Programs

- Standard/Prescriptive Rebates
 - 1: Move more products “upstream.” Category examples: HVAC equipment; food service equipment; and LED fixtures. This could result in greater participation and more savings per dollar.
 - **Action Item:** Chris Neme (Energy Futures Group/NRDC) to provide example measures.
 - 2: Eliminate or reduce fluorescent/HIDs rebates
 - Target \$ for measures with longer term market transforming implications. Would like to see less \$ going to T8s, for example. This is the best way to address budget limitations; it is a better technology.
 - ComEd: Doesn’t disagree with this, but it would require larger rebates. A large portion of savings would be lost by reducing T8 measures. There is concern with what is in the statute.

- Custom Programs- 1) Consider a modification to the incentive structure; less for the easy projects and more reward for deeper, more comprehensive projects; and 2) Consider a dollar cap to reduce the cost of big projects (for very large projects).
 - For item 1, ComEd does this – 5 cents for lighting.
- Retro-Commissioning. Can more be done to get more participation & savings?
 - ComEd already has the largest RCx program in the U.S. (measured through savings); they are now pursuing medium-sized customers. ComEd is looking at building analytics.
 - Ameren IL's program is going well.
- Combined Heat and Power
 - Pat Sharkey, representing Midwest CoGen Association: We are concerned that the ComEd CHP program is not being marketed aggressively. The program started late. The program began in June, but as of now there is no aggressive website. If these programs are going to be offered but not marketed, it is a waste of time. There are examples of successful marketing tactics on other jurisdictions.
 - **Next steps: Pat Sharkey will fill out the significant program change template (due by Nov. 9th).**
- Small Business Direct Install – 1) Ensure we are maximizing comprehensiveness and 2) Opportunities for joint electric-gas delivery.

Residential Recommendations – Residential Programs

New measure ideas (electric):

- a. Smart t-stats
- b. Heat pump dryers (as a pilot?)
 - **Action Item: Chris Neme (Energy Futures Group/NRDC) will look into this / may fill out a program template.**
- c. Ultra-efficient ductless heat pumps (mainly for electric heated homes; Ameren IL)
 - This measure has been a cost-effectiveness issue.
 - **Action Item: Chris Neme (Energy Futures Group/NRDC) will look into this / may fill out a program template.**

Utility / Program Administrator Specific Recommendations

- Department Programs: Revisit market transformation objectives and offerings. What areas should be prioritized?
 - Questions to consider: How much should we allocate to statewide market transformation initiatives? Should that number go up or down? To be strategic, what should we focus on?
 - The Department's budget last year was \$7M (apx. 10% of their portfolio).
 - Molly Lunn, the Department: It would be good to have this feedback soon;
 - **Next steps: SAG Facilitation to move this topic up to January 2016. SAG Facilitation to follow-up with Chris Neme.**
- Department Programs: Revisit Public Housing Programs. Cost-effectiveness needs to be improved.
 - Molly Lunn, the Department: One thing to note is the TRC for this program went up in the updated template, to 0.46.
 - Question to consider: Are there other ways we can make this program more effective?

- Department Programs: Offer three-year contracts to vendors. This would result in more continuity.
 - The Department is currently offering 2-year grants for this year's program vendors; previously 1-year grants were offered. Traditionally the Department has only offered 2-year grants (max). Molly Lunn (Department) will look at whether it is possible to have 3-year grants. At a minimum, 2-year grants could be extended into the 3rd year.
- Department Programs: For Public Sector programs, there are many processes through which projects can come in. The intake process is different for all of them; this is challenging for customers. Can we come up with a single intake form/process?
- Ameren IL Programs: Address substantial residential electric heat opportunities. How much weatherization is happening? Consider ultra-efficient ductless heat pumps.
- Nicor Gas Programs: Portion of budget to portfolio-wide admin (~21%) seems high. Lowering this number offers an opportunity to do more with a constrained budget.
- Peoples Gas-North Shore Gas Programs: Savings coming from residential behavior program is too high. These programs have a very short measure life.
 - IL AG is also interested in seeing deeper retrofits.
 - Paige Knutsen, Franklin Energy, on behalf of PG-NSG: The technical potential study for Phase 2 identified this opportunity.
 - Chris Neme, Energy Futures Group, on behalf of NRDC: Behavior programs have value; they can be helpful as a marketing tool, to drive participation. Maximizing savings is an objective that should be on the table.

Follow-up items for program ideas and significant program changes:

1. RCx / building analytics
2. ComEd CHP Program marketing (Pat Sharkey, Midwest CoGen Association, to fill out a program change template)
3. Moving incentives upstream (specific examples on where this has been done successfully and for which measures – Chris Neme)
4. Utility-owned LED Street lighting Program (Phil Mosenthal)
5. Heat pump dryers (Chris Neme)
6. Ultra-efficient ductless heat pumps (Chris Neme)
7. Market transformation objectives (Chris Neme, Phil Mosenthal, SAG Facilitation)

Next steps: SAG Facilitation will create a program recommendations chart and seek specific feedback on whether suggestions will move forward, to share with SAG.

Tuesday, October 27 2015 (Day 2) Attendee List

Annette Beitel, EE SAG Facilitator

Celia Johnson, SAG Facilitation

Roger Baker, ComEd

Keith Goerss, Ameren IL

Jim Jerozal, Nicor Gas

Chris Vaughn, Nicor Gas

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

Karen Lusson, IL AG

Mike Brandt, ComEd

Andy Braatz, Nexant

Rob Neumann, Navigant
Paul Smith, Franklin Energy, on behalf of PG-NSG
Suzanne Stelmasek, Elevate Energy
Randy Gunn, Navigant
Carla Colamonici, CUB
Pat Michalkiewicz, Peoples Gas-North Shore Gas
Laura Goldberg, CUB
Rose Jordan, MEEA
Kristol Whatley, Ameren IL
Keith Martin, Ameren IL
Stefano Galiasso, ERC/UIC
John Paul Jewell, ELPC
Dave Costenaro, Applied Energy Group
Ingrid Rohmund, Applied Energy Group
Edith Makra, Metropolitan Mayors Caucus
Molly Lunn, Department of Commerce and Economic Opportunity
David Baker, ERC/UIC
Kim Ballard, Ameren IL
Brian Bowen, First Fuel
Larry Brown, CLEAResult
Hammad Chaudhry, Nicor Gas
Melissa Cloyd, Ameren IL
Andrew Cottrell, AEG
Deirdre Coughlin, the Department
Claire Cowan, Seventh Wave
Mark DeMonte, Jones Day, on behalf of Ameren IL
Kevin Dick, Delta Institute
David Diebel, ADM
Bryan Edmundson, Ameren IL
Wael El-Sharif, 360 Energy Group
Jim Fay, ComEd
Noelle Gilbreath, Community Investment Corp.
James Gowen, ADM
Andrey Gribovich, ERC/UIC
Mary Ellen Guest, Historic Chicago Bungalow Association
Rich Hackner, GDS Associates
Amir Haghghat, CLEAResult
Arturo Hernandez, ComEd
Travis Hinck, GDS Associates
Cheryl Jenkins, VEIC
Kurtis Kolnowski, AEG
Nickr Lovier, Ameren IL
Bridgid Lutz, Nicor Gas
John Madziarczyk, Nicor Gas
Cheryl Miller, Ameren IL
Wade Morehead, CLEAResult
Jennifer Morris, ICC Staff
Phil Mosenthal, Optimal Energy, on behalf of IL AG

Shraddha Mutyal, ERC/UIC
Jeremy Offenstein, ADM
Jansen Pollock, ComEd
Andrea Reiff, the Department
Anthony Star, Illinois Power Agency
Karen Winter-Nelson, SEDAC
Ken Woolcutt , Ameren IL
Angela Ziech-Malek, CLEAResult
Pat Giordano, DeReg Law, on behalf of Converge
Bev Hall, Ameren IL
Agenes Mrozowski, Ameren IL

Day 2 Action Items/Follow-up

Action items and follow-up is indicated in **yellow highlight**.

Threshold Issue: Department of Commerce and Economic Opportunity Funding (Molly Lunn, Department)

Market Data: Load of Customers Served

- **Action Item:** SAG Facilitation to follow-up on the load of customers served by utility (as a % of low income.)

Market Data: Low Income Households

- 21% of Illinois residents are at or below 150% of federal poverty level.
- Are we trying to spend in proportion to the low income total revenue, e.g. the low income customers that pay into the EE programs?
 - The statute states it is a % of the total revenue, which includes commercial & industrial customers.
 - Anything utilities might offer would be above and beyond what the Department offers.
- **Action Item:** SAG Facilitation to follow-up with David Baker (ERC/UIC), who has an analysis on 80% AMI and 150% poverty level. 80% AMI is a much larger proportion of customers.

Areas Covered

- The Department offers public sector and low income sector programs, and cross-sector market transformation.
- The Department would like to look at market transformation / get feedback / look at what is successful in other jurisdictions.
- The Department is not opposed to the utilities offering additional low income programs, but it is important to minimize confusion to the market. Suggestion to invest in existing programs and/or work with existing vendors. The Department is also willing to explore putting more \$ towards low income.
 - IL AG agrees. It is essential to select vendors that have a relationship with low income communities.
- Moderate income is an underserved market; the utilities should look to expand those opportunities.
 - Keith Martin, Ameren IL: There is not a bright line between low and moderate income customers. The current moderate income program focuses on moderate

income but does not reject low income customers. Low income customers may be more comfortable identifying as moderate income.

- Does the Dept serve unsubsidized affordable housing stock?
 - There is no distinction made between subsidized and unsubsidized.
- What is the best program design to serve low and moderate income customers?
 - **Action Item: Molly Lunn (Department) will consider this question.**
- Ameren is interested in continuing their moderate income program. There is a great need for these programs; apx. half of Ameren IL customers fall under the “moderate income” definition. Other utilities are open to looking at this. ComEd is concerned about a specific %, because the electric portion of the budget would be so much larger.
- Questions for future discussion:
 - What is the break-down between single and multi-family for Department programs?
 - The Department would like to know what the utilities are considering offering; the utilities would like to understand what the Department currently offers.
 - Next steps: Current Department programs will be discussed in January 2016.

Threshold Issue: 3-Year Electric Goals/Budgets presentation (Keith Goerss, Ameren IL)

Savings Goals

- Ameren IL will ask for modified goals in the next EE Plan, including three individual year goals and a three-year goal (as a sum). The statute allows for modified goals.
- How would this work for adjustable goals in the third year?
 - The 3-year goal is the sum of the adjusted 3-year goals. Each year’s goal would be known after the year is over.
 - Approved goal = as adjusted (slide 3)
- There are current annual savings goal dockets – however, determining goal achievement at the end of the 3-year EE Plans makes more sense.
 - Next steps: SAG Facilitation to add this to the stipulation list – “the sum of the first year savings.” If we have cumulative net savings, we will need to define ‘cumulative’ to be those measures still in effect at the end of the Plan period.
- Status: General agreement.

Budgets

- The numbers on slide 5 are illustrative only. The rate cap is locked in by statute, at 0.0154.
- Does the approved budget change when the forecast is updated on an annual basis?
 - The gas law is written differently; limiting the increase to the customer to 2%, over the period of the EE Plan.
 - Utility forecasts must be updated on an annual basis, for a variety of reasons.
- If the full budget is not spent in a single year, can the unspent budget dollars be carried forward and spent in another year of the plan? We don’t have a clear solution at this time based on the statute.
- ComEd has single year budgets – whatever is not spent in one year cannot be moved to the next year.

- **Action Item:** ComEd made a change to their Rider a few months ago to help with this issue. Mike Brandt to follow-up with SAG Facilitation with more information.
- Ameren may propose a new policy for consideration – if budgets adjust monetarily for some reason, the goals should also be adjusted. This would be a policy to submit through the Proposal Policy Template (Policy Manual Version 2.0).
 - This may also be a stipulation.

Threshold Issue: Annual vs. Lifetime Savings (Chris Neme, Energy Futures Group, on behalf of NRDC)

- Savings targets are defined as annual in IL (by statute) and in many jurisdictions. However, due to the budget cap there is an opportunity to propose a different savings target.

Proposal Options:

1) Adopt a qualitative principle for program design/planning, to emphasize lifetime savings over first year savings; emphasize yield of savings per \$ of spending.

- Status: General agreement.
- Next steps: Program Administrators will propose both annual and lifetime savings (this is included in the March 2016 template for discussion).

2) Define the savings targets proposed to ICC for approval on lifetime savings instead of first year savings (although first year savings would be reported)

- This is not necessarily to maximize lifetime savings; the goal should be set based on various considerations and objectives (e.g. serving a broad customer base, etc).
- This could trigger evaluation issues, depending on a new set of assumptions, such as persistence studies.
- How would the portfolios potentially change?
 - It depends on what is emphasized in each portfolio. It could affect the level/emphasis on behavioral programs and RCx (shorter savings). Longer savings – whole building retrofits.
- **Action Item:** Program Administrator and stakeholder attorneys will review statutory language – is this approach compliant with the statute or not? Karen Lusson will take the lead on this.
 - This may be included in the stipulation.
- An alternative suggestion: Report both lifetime and annual in the filing, with annual goals as the compliance mechanism and lifetime goals as a tracking mechanism (“soft goal”).

Threshold Issue: Allocation Across Programs (Keith Goerss, Ameren IL)

- The presentation includes an illustrative budget. Currently the Ameren IL electric budget is roughly 50/50 for residential/business customers (under EEPS).
- Ameren IL is proposing a 40/60 electric split between residential/business customers and a 65%/35% split between non-competitively / competitively declared rate classes (residential is included in the non-competitively declared class). On the gas side, this approach would create a 60/40 split between residential/business customers. The gas law allows for large customers to opt out.
- **Action Item:** SAG Facilitation to follow-up on current program year allocation (by % across rate classes) from Program Administrators. If this policy were adopted, how would that change the allocation? Broken out for EEPS, IPA, and in total.

- Status: Currently non-consensus.

Ameren IL Preliminary Potential Study Results (Ingrid Rohmund and Dave Costenaro, AEG)

- Next steps: Analysis will be completed before Thanksgiving; a draft report will be ready in early December.
- AEG perspective on measures that stakeholders expressed interest in:
 - Reducing funds for Behavioral
 - Ductless mini-splits for all electric
 - Eliminating CFLs, focus on LEDs only
 - Focus on whole home (weatherization measures)
- **Action Items:** 1) AEG will share measure information from the study; 2) AEG will present preliminary commercial & industrial results at the December SAG meetings; and 3) AEG will add a column for net benefits, to share information on the top 20 measures for i) residential, ii) commercial & industrial, and iii) low income customers.
 - Based on the Monday meeting, Stakeholders are interested in more information on: 1) the impact of smaller behavioral programs; 2) moving away from CFLs and to LEDs; 3) ductless mini splits (for all electric heated homes); 4) weatherization measures; 5) low income measures; and 6) Building analytics (C&I).
 - In Excel spreadsheet, measures with measure values used in the analysis (savings, EUL, IMC) and measure TRC. For “Top 20” measures (gas/electric), measure net benefits and TRC. List of “Top 20” measures for low-income gas and electric (broken out by MF and SF), also include measure-level TRC, net benefits.

Upcoming Due Dates

- **Monday, November 9, 2015:** Completed Proposed New Program Ideas Due
- **Friday, December 4, 2015:** Completed Proposed Policy Templates Due

Next SAG Meetings

- Monday, November 16 – 10:30 am-4:30 pm, MEEA
- Tuesday, November 17 – 10:30 am-4:30 pm, MEEA