

Illinois EE Stakeholder Advisory Group Large Group SAG: NTG Meeting #2

Tuesday, September 13, 2022
10:00 – 11:30 am

Attendee List and Notes

Meeting Materials

- Posted on the September 13 meeting page and [2023 NTG page](#):
 - [Tuesday, September 13 SAG Agenda \(NTG Meeting #2\)](#)
 - Follow-up NTG spreadsheets:
 - [Ameren Illinois 2023 NTG Recommendations Spreadsheet \(9/13/2022\)](#)
 - [ComEd 2023 NTG Recommendations Spreadsheet \(9/13/2022\)](#)
 - [Nicor Gas 2023 NTG Recommendations Spreadsheet \(9/13/2022\)](#)
 - [Peoples Gas & North Shore Gas 2023 NTG Recommendations Spreadsheet \(9/13/2022\)](#)

Attendee List

Celia Johnson, SAG Facilitator
Arlinda Bajrami, Midwest Energy Efficiency Alliance (MEEA) – Meeting Support
Andrew Cottrell, Applied Energy Group
Andrey Gribovich, DNV
Andy Vaughn, Andy Vaughn
Billy Davis, Bronzeville Community Development Partnership
Bob Baumgartner, Leidos
Cherlyn Seruto, Guidehouse
Claire Flaherty, Cascade Energy
David Brightwell, ICC Staff
David Kilgore, Ameren Illinois
Dena Jefferson, Franklin Energy
Elizabeth Horne, ICC Staff
Erin Daughton, ComEd
Gregory Norris, Aces 4 Youth
Hannah Collins, Leidos
Jason Fegley, Ameren Illinois
Jeff Erickson, Guidehouse
Jim Fay, ComEd
John Carroll, Ameren Illinois
John Lavalley, Leidos
Katie Parkinson, Apex Analytics
Kevin Grabner, Guidehouse
Kumar Chittory, Verdant Associates
Lance Escue, Ameren Illinois
Laura Agapay-Read, Guidehouse
Lawrence Kotewa, Elevate
Martha White, Nicor Gas

Mary Thony, Guidehouse
Matt Armstrong, Ameren Illinois
Max Michelotti, Power Takeoff
Melanie Munroe, Opinion Dynamics
Michael Brandt, Elevate
Omayra Garcia, Peoples Gas & North Shore Gas
Phil Mosenthal, Optimal Energy, on behalf of IL AG and NCLC
Rebecca McNish, ComEd
Rohith Mannam, Nicor Gas
Sanjyot Varade, Resource Innovations
Sarah Moskowitz, Citizens Utility Board
Seth Craigo-Snell, SCS Analytics
Sharon Mullen, Guidehouse
Shonika Vohra, Recurve
Ted Weaver, First Tracks Consulting, on behalf of Nicor Gas
Tyler Sellner, Opinion Dynamics
Victoria Nielsen, Applied Energy Group
Vincent Gutierrez, ComEd
Zach Ross, Opinion Dynamics

Meeting Notes

Follow-up items marked **in red**.

Purpose of Meeting: To follow-up on evaluator Net-to-Gross (NTG) recommendations for the 2023 program year; discuss whether there are any additional questions or follow-up items; begin discussing consensus on 2023 NTG values.

SAG Facilitator Introductions – Process

- All meeting materials are posted on SAG website: <https://www.ilsag.info/evaluator-ntg-recommendations-for-2023/>
- NTG values must be finalized by Oct. 1 for the program year which starts Jan 1, 2023.
- Today, the meeting we will follow-up on open issues, discuss whether there are any additional questions or other follow-up items, and begin discussing consensus on NTG ratios.
- Two additional meetings are scheduled for Sept 20 and Sept 27.
- Goal is to reach consensus on all NTG values through this process. If consensus is reached, it will be used for 2023 even if it is different from evaluator's initial recommendation. If no agreement on any value by the end of this month, the evaluators final recommended value will be deemed for the upcoming program year. Final recommended values should review feedback & discussion and make a best estimate.

ComEd NTG Recommendations

Cherlyn Seruto, Guidehouse

- No follow-up questions from previous meeting – are there any additional questions on NTG values?

[Ted Weaver] Question has to do with residential heat pumps and depending on whether its midstream or downstream – would you use the 80% default value or the measure value? Could you walk through which ones are using the

default and which ones are using the default value? The rows in the spreadsheet are 36-38; 42-45 (residential); row 16 (business). Why did you recommend using a default for some, and other values for others? Ameren's research shows the midstream in the high 50's.

- **Follow-up in NTG Meeting #3**

[Zach Ross] The Ameren value is draft and still in review; defer that conversation to the next meeting. I would not suggest using that value to do any comparisons with what you're seeing otherwise.

[Ted Weaver] My understanding is that Massachusetts is doing NTG research particularly in heat pumps or really any sort of electrification. They are coming up with different values when it comes to electrification and heat pumps. This would be useful for the research evaluators to do in the next coming years.

[Phil Mosenthal] I would support that they are different measures. There is the issue of improving efficiency with heat pumps and worth investigating in future studies but for now probably go with whatever the heat pump values are.

[Jeff Erickson] We should look into that in the future as electrification is all too new for us to have a research-based opinion.

- **Follow-up on Ted's suggestion in NTG Working Group (led by evaluators). Zach Ross will reach out to Ted Weaver and Jane Colby.**

[Philip Mosenthal] Some other measures that represent significant savings in markets that we know have been changing quickly like commercial lighting and advanced thermostats. Some of the studies are kind of old and doing new studies like on advanced thermostats are still using a default but that market has changed and taken off. There are not many studies for NTG right now and I think there are some key measures or consider borrowing from other jurisdictions

- **SAG Facilitator will add to agenda for SAG's December EMV& planning meetings.**

[Philip Mosenthal] I want to discuss linear LED (row 21). In recent Connecticut data they indicate that the market share is very high, 50% market share which is very high but huge percentage of them are replacing TLED because they have been on market long enough and starting to burn out. Is there a willingness to look at more recent research elsewhere that we may want to think about?

- *[Erin Daughton] I'm not comfortable with introducing that issue this late in the NTG process. We can look into doing research next year.*

- Except for the highlighted values in the spreadsheet, all other ComEd NTG values can be considered consensus.

Ameren Illinois NTG Values

Zach Ross, Opinion Dynamics

- The vast majority of the Ameren Illinois numbers are carryovers from last year's final recommendations. Three LED lighting values have not changed and have been agreed upon by stakeholders in a separate process and have been fixed through 2025.
- The only values that have been added are a handful of values for new measures through the retail products initiative where there is not existing research. Therefore, recommending SAG default value (80%) for measures in non-income qualified applications and recommending the SAG default value of 100% for measures in income qualified applications.
- Added 3 new measures to the market rate home efficiency program and recommendations are for advanced thermostats and for direct install measures which include advanced power strips, door sweeps, exterior LEDs, interior LEDs, faucet aerators, pipe insulation and shower heads.
- There is a primary research update for the Midstream HVAC program. Those values are still currently in review and Ameren has provided comments on those memos and will be able to talk through those values in either meeting #3 or #4. There is a lot of complexity on how NTG estimates are assembled from midstream.

[Philip Mosenthal] I do not think I have any issues other than general issues brought up to ComEd and some of the changing markets.

[Zach Ross] For Linear LEDs through business midstream, there will be an update later this fall with both participant and distributor perspectives. Will have fresh research for Ameren on this point and will be available in early 2023.

[Philip Mosenthal] If you could also look at LED fixtures separate from TLEDs that would be important.

[Zach Ross] Last time, we had a sample size issue and may continue to have challenges, but goal would be to study TLEDs, fixtures and any type of screw base lamps including moguls in three separate categories. The linear fluorescent and fluorescent fixtures is just a legacy value, and the understanding is that program does not currently offer any fluorescent products. But the value is just left in there.

[Philip Mosenthal] A lot of places moving away from TLEDs because they are not cost effective, and it would be nice to see more of a focus on fixtures and advanced controls.

[Zach Ross] It would be more of a question on programmatic balance between downstream programs versus midstream lighting programs. The midstream lighting programs itself is going to be providing incentives for the products at the point of sale.

[Philip Mosenthal] If in fact TLED NTG is very low that might encourage a shift away from them.

[Zach Ross] This study will start later November of this year and will be available for SAG to view in early 2023.

- Except for Midstream HVAC, all Ameren Illinois NTG values were marked as consensus.

Nicor Gas NTG Values

Kevin Grabner, Guidehouse

- No follow-up questions from NTG meeting #1.
- Advanced thermostats research for Nicor Gas has already started for this fall and will have new numbers next September. Also, starting up research with Peoples Gas and North Shore Gas on advanced thermostats NTG.
- There was minor update on non-participant spillover. The analysis is updated, and the numbers changed slightly in the calculation, but the final results did not change and is rounded to the same value.

[Seth Craigo-Snell] The value listed is 0.046; however, it should be 1.046 instead for NTG 2023 value.

[Philip Mosenthal] I suggest that we might want to look into future research regarding furnaces and boilers as well as thermostats. I have seen in other jurisdictions studies that indicate condensing units are now baseline practice and some states have moved away from offering rebates for that stuff so it's worth looking at.

- SAG Facilitator will add to agenda for SAG's December EMV& planning meetings.

No other questions raised; marked all Nicor Gas values as consensus.

Peoples Gas & North Shore Gas NTG Values

Kevin Grabner, Guidehouse

- No follow-up questions from NTG meeting #1.
- No other questions raised; marked all Peoples Gas & North Shore Gas values as consensus.

Closing & Next Steps

- Follow-up on NTG items from meeting #2 will be discussed in meeting #3 (Tuesday, September 20). SAG will also consensus on remaining open NTG values, and determine whether there are any open values to discuss in meeting #4.